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Pacific University.



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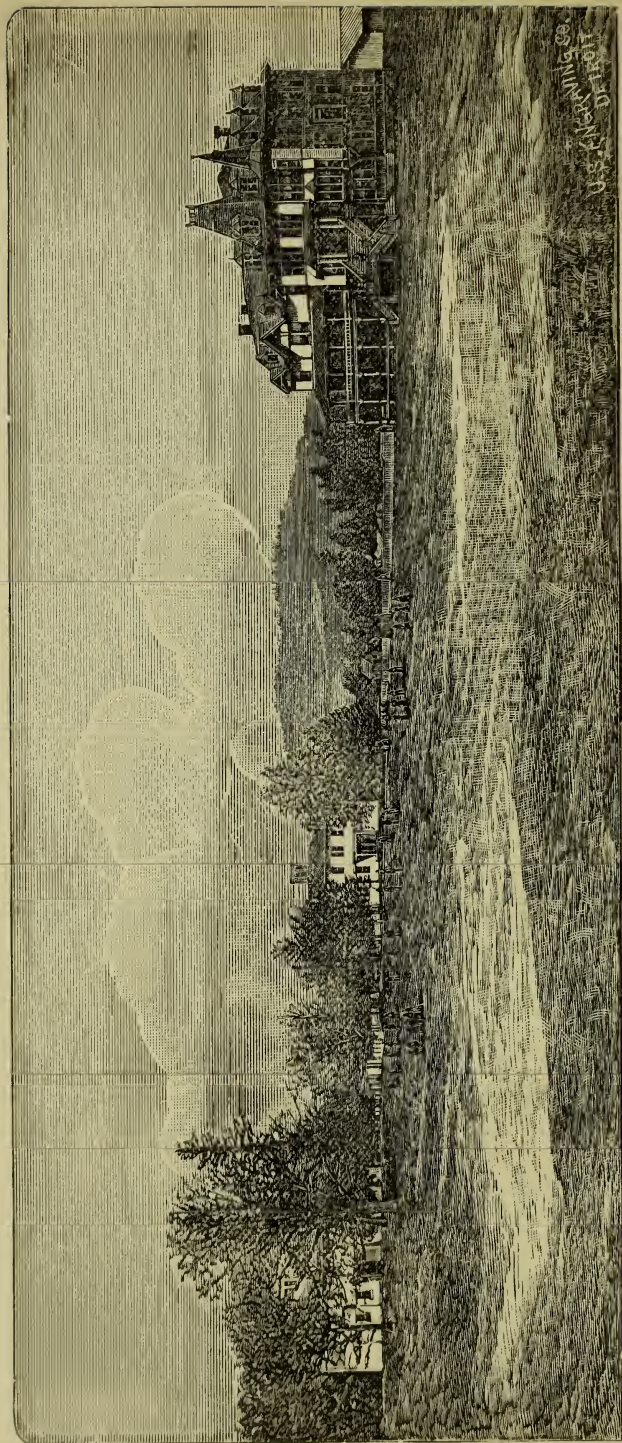
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# PACIFIC UNIVERSITY.

FOREST GROVE, OREGON.



COLLEGE HALL.

ACADEMY HALL.

LADIES HALL.

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CATALOGUE

OF THE

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

FOREST GROVE, OREGON.

1889.

*Pro Christo et Regno Hujus*

HILLSBORO, OREGON:

INDEPENDENT STEAM BOOK AND JOB PRINTING HOUSE.

1889.



EDUCATION is a great word. It means at first going to school and pursuing study by help and direction of books and teachers. Then it means acquirement of the knowledge of principles and their application. Beyond this it means development of the faculties of mind, embracing both the enlargement and refinement of these faculties. And lastly, EDUCATION means facility and efficiency in the use of the acquired knowledge and the developed faculties.—ADDRESS BEFORE OREGON STATE UNIVERSITY, 1883



Promote, as an object of primary importance, institutions for the general diffusion of knowledge.—WASHINGTON,



And without letters [learning] what is life?—ERASMUS,







THERE is an attempt to make science, or a knowledge of the laws of the material universe, an ally of the school, which denies a separate spiritual existence and a future life,—in short, to borrow of science weapons to be used against Christianity. The friends of religion, therefore, confident that one truth never contradicts another, are doing wisely when they seek to accustom the people at large to think and to weigh evidence, as well as believe. By giving a portion of their time to a vigorous training of the intellect and a study of the best books, men gain the power to deal satisfactorily with questions with which the mind might otherwise become bewildered.

It is true that there is no branch of human knowledge so important as that which teaches the duties we owe to God and to each other, and that there is no law of the Universe, sublime and wonderful as it may be, so worthy of being fully known as the law of love, which makes him who obeys it a blessing to his species, and the universal observance of which would put an end to a large proportion of the evils which affect mankind.

Yet is a knowledge of the results of science, and such of its processes as lie most open to the popular mind, important for the purpose of showing the different spheres occupied by science and religion, and preventing the inquirer from mistaking their divergence from each other for opposition.—WILLIAM CULLEN BRYANT, IN A LETTER OF MAY 18, 1878, TO DR. J. H. VINCENT.



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---

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---

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*Librarian.*

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## COMMITTEE OF VISITATION.

---

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\*Deceased.



# MEMBERS OF THE FACULTIES.\*

AND OTHER INSTRUCTORS.

1888-89.

REV. F. J. ELLIS, A. M., D. D., PRESIDENT.

*Professor of Mental and Moral Sciences.*

JOSEPH W. MARSH, A. M., PH. D.,

*Professor of Greek and Latin.*

WILLIAM N. FERRIN, A. M.,

*Professor of Mathematics.*

† -----

*Professor of Natural Sciences.*

JULIA M. ADAMS,

*Principal of Ladies Department.*

D. L. EDWARDS, A. M.,

*Principal of Academy.*

MARY H. EDWARDS, MUSICAL INSTRUCTOR,

*Piano, Organ and Voice.*

ELLA MORRISON, ASSISTANT,

*Piano and Organ.*

‡ -----

*Instructor in Art and Art History.*

J. M. GARRISON, A. M.,

*Penmanship.*

\* The Faculties of the Collegiate and Academic Departments are, for the present, one and the same.

† Supplied for the present by members of Collegiate and Academic Faculties.

‡ To be supplied.

## Collegiate Department.

---

The College idea is a grand one. This is manifest though we go no further back than our American history. The ships that brought hither the Pilgrims were blown across the Atlantic by the breath of great ideas. One of these strong and steady winds that filled their sails was the College idea.

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The aim of a college is to cultivate the mind in a general way by disciplining all its faculties, to make the young strong in intellect, to give them acute, polished, and well balanced minds. If this disciplinary work is well accomplished, the mind may afterwards be applied to any subject, to the study of any profession, art, or business, and it will be able to work with ease, precision and power.

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## Academic Department.

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In a new and sparsely settled country the ACADEMY must be the main reliance of the college. The ACADEMY should be looked to as the chief feeder of the college. The ACADEMY does not exist primarily for the purposes of miscellaneous instruction—its specific object is to prepare students for College. It therefore devolves upon the Academic management to grade the studies and classify the students in this Department with great care, sifting out those only who cannot profitably pursue a course in college, and as far as practicable by due exercise of tact and discretion, holding all others for the Collegiate Department.

# Ladies Department.

---

J. F. ELLIS, PRESIDENT.

---

JULIA M. ADAMS, PRINCIPAL.

---

BOARD OF MANAGERS.

---

JULIA M. ADAMS,  
SOPHIA M. HINMAN.

MARY H. ELLIS,  
MARY H. EDWARDS.

---

By means of this DEPARTMENT Pacific University provides a school for the daughters of its patrons, both in Academy and College, which is in every way equal to the female seminary, with the additional advantage of co-education. Parents may confidently commit their daughters to the considerate and motherly oversight of our LADIES DEPARTMENT.



# Conservatory of Music.

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Music is the highest language, the loftiest form of expression, possible to man.

---

J. F. ELLIS, PRESIDENT.

---

MARY H. EDWARDS, INSTRUCTOR.

..... ASSISTANT.

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The design of this Department is to form musicians of true musical taste, who shall use only that which is best, and be able to render it in a clear, intelligent style, worthy of the composer.



## *Course of Study for the Piano-forte.*

Selections from the following works or an equivalent :

### FIRST PERIOD.

#### STUDIES.

Plaidy's Technical studies; Gurlitt op. 83, 2 bks.; Czerny op. 823; Kohler op. 151; Bruner op. 12, bk. 1.; Loeschhorn, op. 84, bk. 1.

#### PIECES.

Easy duets and pieces by Low, Reinecke, Spindler, Fradel and others; easy sonatinas by Liehner, Clementi op. 36, and Kuhlau.

### SECOND PERIOD.

#### STUDIES.

Plaidy Technic; Czerny op. 849; Kohler op. 50; Doring op. 38; Bruner op. 12, bk. 4; Loeschhorn op. 84, bk. 2; Duvernoy op. 120; Heller op. 47, bk. 1; Krause op. 2, bk. 1.

#### PIECES.

Sonatas by Kuhlau, Clementi and easy sonatas by Mozart, Beethoven and Haydn; selections from Durand, Schulhoff, Jungman, Gade, Heller, Mendelssohn and Weber.

### THIRD PERIOD.

#### STUDIES.

Schmidt op. 114; Loeschhorn op. 66; Heller's Art of Phrasing and Expression; Krause op. 2, bk. 2; Preludes and Fugues by Bach; Czerny op. 740, 2 bks; Cramers 50 studies, bk. 1; Dorings Octave School.

#### PIECES.

The more difficult sonatas by Mozart, Haydn and Beethoven; Rondos, Caprices, Impromptus, etc., by Mendelssohn, Dussels, Schubert, Schumann, Raff, Rubinstein, Liszt and Chopin.

It requires from three to five years to complete this course, according to the ability and diligence of the pupil.

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## *Course of Study in Vocal Music.*

### FIRST PERIOD.

Study of the formation of pure tone.

Study of pronunciation and proper use of breath.

Study of major and minor scales and chromatics.

Seiler's Exercises for flexibility.

Conceos, Vocalises and Marchesi op. 5.

Songs from English and German Composers.

### SECOND PERIOD.

Farther studies for flexibility.

Studies of slow trills and musical figures.

Vocalises from Marchesi op. 2. Songs of Schumann, Schubert, Franz, Mendelssohn, and Rubinstein. Airs from standard operas and oratorios.

It requires from two to three years to complete the vocal course.

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### *Cabinet Organ.*

Pupils desiring to study organ music will be instructed in church music, voluntaries, interludes and all music best fitted for the organ.

Many pieces and selections from modern composers not mentioned in the courses will be given.

The fundamental principles of Harmony will be taught in connection with both courses.

The Technicon or "Hand Gymnasium," which is of great value in strengthening the wrists, hands and fingers and giving an equal and elastic touch, will be used in connection with the instrumental work and be free for the pupils' daily practice.

At the close of each term the pupils will give a public piano and song recital.

Pupils who complete either the Piano-forte or Vocal course will be awarded a certificate from the University.

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#### TUITION FOR EACH TERM IN ADVANCE.

Except in case of sickness, pupils lose all lessons that they miss by absence.

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#### LESSONS BY MRS. EDWARDS AT THE FOLLOWING RATES:

Private instrumental or vocal lessons, each . . . . .	75
Class lessons, two in the hour, devoting a half hour to each . . . . .	50
Private lessons by assistant, each . . . . .	60

Rent of Piano, two hours per day, \$1 per month.

Rent of music from musical library from 75c to \$1 50 per term, according to the amount required



# School of Art.

J. F. ELLIS, PRESIDENT.

-----, INSTRUCTOR.

Ability to paint and draw is in our day much more than a fashionable accomplishment. Mechanical eminence of manufacturing nations especially is largely advanced by training the youth to skill in the use of brush and pencil. Still as an aesthetic accomplishment, it is a means of substantial culture and enduring pleasure.

Instructions in this Department include all branches of drawing and painting. It is the purpose of the department to develop originality, and individual ability, among the students. From the outset the pupil is taught to make Nature his guide, and as early as possible is required to make studies and sketches from life. A variety of models will be furnished.

There will be an exhibition of work at the end of the first and second terms and a Commencement exhibition at the close of the year. Pieces will be retained until that time.

## STUDENTS CLASS—COURSE OF STUDY.

### FIRST YEAR.

FIRST TERM—Cast Drawing (Ornament), Drapery.

SECOND TERM—Cast Drawing (Masks, Limbs), Still life.

THIRD TERM—Cast Drawing (Torso's Figures), Sketch Class.

### SECOND YEAR.

FIRST TERM—Drawing (Life). Sketch Class (costumed).

SECOND TERM—Painting (Still life). Drawing (Life).

THIRD TERM—Painting (Life).

On two evenings of the week, an hour will be devoted to demonstrations in Design, Art History, Costume, Perspective, etc., during the whole time.

## AMATEUR CLASS.

Oil, water color, crayon, pencil, etc.

## TERMS—TUITION IN ADVANCE.

### STUDENT CLASS.

Terms, of twelve lessons (inclusive)----- \$ 8 00

### AMATEUR CLASS.

Drawing----- \$ 6 00

Water Color----- 9 00

Oils----- 10 00

Crayon----- 12 00



# Students in Collegiate Department.

1888-89.

## CLASSICAL COURSE.

### SENIOR CLASS.

Marsh, Sidney E. ----- Forest Grove.

### JUNIOR CLASS.

Macrum, William S. ----- Forest Grove.

Nelson, G. Walter ----- Kirkland, Wash.

### SOPHOMORE CLASS.

Lee, John A. ----- Forest Grove.

Patton, Mary E. ----- "

### FRESHMAN CLASS.

Post, F. L. ----- Cornelius.

Sedgwick, Belle ----- Forest Grove.

Whitten, Fred C. ----- Newport.

## SCIENTIFIC COURSE.

### THIRD YEAR.

McNamee, Clay ----- Dilley.

### SECOND YEAR.

Alexander, Albert ----- Dilley.

Alexander, Alex ----- "

Bush, Lincoln L. ----- Bay Center, Wash.

Caples, Jesse R. ----- Forest Grove.

Lysons, J. Will ----- Snohomish, Wash.

Naylor, Edward L. ----- Forest Grove.

### FIRST YEAR.

Bates, William R. ----- Gaston.

Myers, Wm. H. H. ----- Forest Grove.

Patton, Pem ----- "

Snider, A. B. ----- Lyle, Wash.

## LADIES COURSE.

### THIRD YEAR.

Koontz, Mattie E. ----- Napavine, Wash.

### SECOND YEAR.

Lee, Nellie ----- Forest Grove.

### FIRST YEAR.

Hinman, Dollie ----- Forest Grove.

### IRREGULAR OR OPTIONAL.

Wells, Jerome B. ----- Forest Grove.

Total ----- 23.

# Students in Academic Department.

1888-89.

## SENIOR CLASS.

### LADIES.

Bates, Anna M	Gaston.
Lee, Cora	Forest Grove.
Merryman, Ethel M	"
Soehren, Lizzie A	Greenville.
Tongue, Edith L	Hillsboro.
Warren, Zula H	Forest Grove.
Warren, Minnie B	"

### GENTLEMEN.

Ball, Henry A	Tualatin.
Bond, William	Forest Grove.
Bond, Austin	"
Bailey, Frank J	Hillsboro.
Hopkins, Harry	Eugene.
Merges, Ernest E	Forest Grove.
Smith, Fred	"
Stewart, Loring	"
Stewart, W. Ernest	Oakland, Cal.
Total in Senior Class	16.

## MIDDLE CLASS.

### LADIES.

Anson, Margaret	La Grande.
Bachelder, Lillie M	Glencoe.
Burgess, Laura M	Bake Oven.
Caniff, Nina M	Forest Grove.
Goodin, Stella A	Glencoe.
Gordon, Ella	Forest Grove.
Hopkins, Kate M	Eugene.
Howe, Belle	Forest Grove.
Koontz, Annie C	Napavine, Wash.
Longley, Mary E	Newberg.
Morrison, Ella	Monkland.
Morrison, Nannie	"
Pittenger, Maud A	Hillsboro.

Pomeroy, Annie M	Forest Grove.
Proebstel, Mollie K	La Grande.
Sawyer, Jennie M	Forest Grove.
Stewart, Emma	"

#### GENTLEMEN.

Bisbee, Ruel	Forest Grove.
Buxton, Austin	"
Craig, Willie	Farmington.
Gordon, William S	Forest Grove.
Longley, John A	Newberg.
Marsh, David	Forest Grove.
Macrum, John	"
Millar, John W	Farmington.
Parker, William	Forest Grove.
Parker, Edward	"
Sels, C. Edward	Canyon City.
Smith, Lester P	Hebo.
Weeks, O. D	Oakland, Cal.

Total in Middle Class.....30

### JUNIOR CLASS.

#### LADIES.

Duncan, Gertie I	Houghton, Wash.
Farrell, Mollie C	East Portland
Hughes, Elva S	Forest Grove.
Karr, Rose	Hoquiam, Wash.
Kaser, Minta	Dilley.
Kaser, Esther	"
McNamer, Blanch B	Greenville.
Millar, Edith H	Farmington.
Morrison, Maggie	Monkland.
Naylor, Edith L	Forest Grove.
Young, Ottie C	Napavine, Wash.

#### GENTLEMEN.

Bisbee, Delbert	Forest Grove.
Beal, John	"
Cave, James	Hillsboro.
Dustin, Bailey	Canyon City.
Ellis, Arthur B	Forest Grove.
Ellis, Carl W	"
Freeman, Henry M	"
Gerrish, William	"
Gabel, John	Hillsboro.



Hall, Amos	Glencoe.
Hollister, David F	Greenville.
Hughes, Wilbur	Forest Grove.
Jack, Callie	Farmington.
Kane, Frank	Forest Grove.
Lewis, John	Albina.
Marsh, William	Centerville.
McCann, William	Vancouver, Wash.
Mulkey, W. E.	Amity.
Naylor, Hiram	Forest Grove.
Parker, Irving	Gaston.
Porter, Albert	"
Robb, William	Centerville.
Simpson, Frank	Farmington.
Slavin, John	Hillsdale.
Smith, Dewitt	Forest Grove.
Ward, Edward	"
Total in Junior Class	37.

## PREPARATORY CLASS.

### LADIES.

Beal, Ora	Forest Grove.
Conner, Nancy	Amity.
Davenport, Golda	La Camas, Wash.
Gleason, Myrtle M	Forest Grove.
McCann, Minnie D	Vancouver, Wash.
Wilkes, Elsa L	Greenville.

### GENTLEMEN.

Bond, Harry	Forest Grove.
Davis, John	Gaston.
Henderson, Arlie	"
Imbrie, Frank	Hillsboro.
Marsh, Fred	Forest Grove.
Parker, Arthur	Gaston.
Turner, Pleasant	Portland.
Turner, Elmer	"
Wagner, Mett	Forest Grove.

Total in Preparatory Class..... 15.

Total No. in Academy..... 98.

# Students in Conservatory of Music.

1888-89.

## PIANO.

Anson, Margaret	La Grande.
Baber, Liverne	Forest Grove.
Baker, Belle	Greenville.
Boos, Lena	Tacoma, Wash.
Burgess, Laura	Bake Oven.
Garrison, Blanch	Forest Grove.
Geiger, Laura	"
Gerrish, Rosa	"
Gleason, Myrtle	"
Hallock, Anna	Dallas.
Kirtz, Edith	Greenville.
Macrum, John	Forest Grove.
Macrum, William	"
Merryman, Ethel	"
Pomeroy, Anna	"
Shearer, Mattie	Gales Creek.
Smith, Lizzie	Forest Grove.
Smith, Day	"
Vosper, Nellie	"
Walker, Elda	"
Walker, Leva	"
Warren, Zula	"
Wells, Mrs. Minnie	"
Ward, Mrs. Dr	"
Wilcox, Rose	Greenville.
Wilkes, Elsie	"

## VOICE.

Halloek, Anna	Dallas.
Karr, Beatrice	Hogiam, Wash.
Pomeroy, Anna	Forest Grove.
Smith, Day	"
Tongne, Edith	Hillsboro.
Walker, Mrs. Belle	Forest Grove.
Wells, Mrs. Minnie	"
Wilkes, Rose	Greenville.
Total	34.
Deduct number counted twice	5.
Total number of different students in Conservatory	29.

# Pupils in Department of Art.

## STUDENT CLASS.

Brown, Frances	Forest Grove.
Conner, Nancy	Amity.
Cox, Ada	Forest Grove.
Ellis, Arthur	"
Hiatt, Arthur	"
Karr, Rose	Hoquiam, Wash.
Soehren, Lizzie	Greenville.
Walker, Elda	Forest Grove.
Walker, Leva	"

## AMATEUR CLASS.

Wilcox, Rose	Greenville.
Walker, Elda	Forest Grove.
Walker, Leva	"

## PREPARATORY CLASS.

Boos, Lena	Tacoma, Wash.
Hiatt, Arthur	Forest Grove.
Total	14.
Deduct number counted twice	3.
Number of different students	11.

## SUMMARY.

Number of Students in College	23
" " " Academy	98
" " " Conservatory	29
" " " School of Art	11
Total	161
Deduct number counted twice	19
Total number of different students in the University	142





# COURSES OF STUDY. COLLEGIATE COURSES.

## CLASSICAL COURSE.

### FRESH-MAN YEAR.

- FIRST TERM—Herodotus, Geometry, History.  
SECOND " " Livy, Algebra, French or German.  
THIRD " " Botany, Geometry, French or German.

### SOPHOMORE YEAR.

- FIRST TERM—Tacitus, Trigonometry and Surveying, Physiology.  
SECOND " " Homer, Analytical Geometry, Zoology.  
THIRD " " Thucydides, Calculus, English Literature.

## LITERARY COURSE.

### FIRST YEAR.

- FIRST TERM—Cicero, Geometry, Physiology and Zoology.  
SECOND " " Cicero, Algebra, Zoology.  
THIRD " " Vergil, Geometry, Botany.

### SECOND YEAR.

- FIRST TERM—H'story, Trigonometry, Chemistry.  
SECOND " " Pedagogy or Livy, Chemistry, French or German.  
THIRD " " English Literature, Zoology and Mineralogy, French or German.

### THIRD YEAR.

- FIRST TERM—Rhetoric and Mental Science, Logic, Horace.  
SECOND " " Mental Science, Moral Science, Constitution.  
THIRD " " Evidence of Christianity, Political Economy.  
The Degree of B. L. is attached to this course.

### JUNIOR YEAR.

- FIRST TERM—Horace, Mechanics, Chemistry.  
SECOND " " Quintilian and Plana, Physics, Chemistry.  
THIRD " " Plato, Astronomy, Geology and Mineralogy.

### SENIOR YEAR.

- FIRST TERM—Rhetoric and Mental Science, Logic.  
SECOND " " Mental Science, Moral Science, Constitution.  
THIRD " " Evidence of Christianity, Political Economy, History of Paleontology.

## SCIENTIFIC COURSE.

### FIRST YEAR.

- FIRST TERM—Cicero, Geometry, Physiology and Zoology.  
SECOND " " Cicero, Algebra, Zoology.  
THIRD " " Vergil, Geometry, Botany.

### SECOND YEAR.

- FIRST TERM—History, Trigonometry and Surveying, Chemistry.  
SECOND " " Constitution, Analytical, Geometry, Chemistry.  
THIRD " " English Literature, Calculus, Geology and Mineralogy.

### THIRD YEAR.

- FIRST TERM—Rhetoric and Mental Science, Logic, Mechanics.  
SECOND " " Mental Science, Moral Science, Physics.  
THIRD " " Evidence of Christianity, Political Economy, Astronomy.

The Degree of B. S. is attached to this course.

NOTE I.—Compositions and Expositions are required through all these Courses.

# ACADEMIC COURSES.

## LEADING TO THE SCIENTIFIC OR LADIES COURSE.

### FIRST YEAR.

- FIRST TERM—Arithmetic, English Grammar, Descriptive Geography.  
 SECOND " U. S. History, Arithmetic, English Grammar.  
 THIRD " Arithmetic, Latin, English Grammar.

### SECOND YEAR.

- FIRST TERM—Mental Arithmetic, General History, Latin.  
 SECOND " Physical Geography, General History, Latin.  
 THIRD " English Composition, General History, Latin.

### THIRD YEAR.

- FIRST TERM—Caesar, Algebra, Natural Philosophy.  
 SECOND " Algebra, Caesar, French or German.  
 THIRD " Algebra, Astronomy, French or German.

NOTE 1.—Reading, Spelling, and Rhetorical Exercises will be required through these Courses, so far as it appears necessary.

NOTE 2.—At the discretion of the Faculty, classes may be formed for Students not fitted for the above Academic Courses.

## LEADING TO THE CLASSICAL COURSE.

### FIRST YEAR.

- FIRST TERM—Arithmetic, Descriptive Geography, Latin.  
 SECOND " U. S. History, Arithmetic, Latin.  
 THIRD " Mental Arithmetic, Arithmetic, Latin.

### SECOND YEAR.

- FIRST TERM—English Grammar, General History, Caesar.  
 SECOND " Physical Geography, General History, Caesar.  
 THIRD " English Composition, General History, Caesar.

### THIRD YEAR.

- FIRST TERM—Algebra, Greek Reader, Cicero.  
 SECOND " Algebra, Greek, Cicero.  
 THIRD " Algebra, Anabasis, Virgil.

## GENERAL INFORMATION.



### LOCATION.

Forest Grove, the location of Forest Grove University, is situated twenty-five miles west of the city of Portland, and six miles from Hillsboro, the county seat of Washington county.

It is accessible by the Oregon and California railroad, which runs two passenger trains, each way, daily.

As its name implies, Forest Grove is a scene of sylvan beauty. There is no more charming spot in the entire state. To the westward rises the Coast Range, which breaks the force of the winter winds, while to the eastward spread out the fertile Tualatin plains, giving in the distance a view of Mount Hood and the Cascade range. Gales creek, a clear mountain stream, skirts the southwest limits of the town.

With such situation and surroundings, the place can not be other than healthful and well suited to make student life a delight and a blessing.

### GROUNDS AND BUILDINGS.

An ample campus, level on the north and west, gently sloping on the southeast, and with a fine front eastward, forms an invaluable part of the dowry of the Institution.

Two plain and substantial buildings, each two stories high and surmounted with a small tower, were erected under the presidency of Dr. Marsh, and furnish chapel, recitation and library rooms and laboratory, commodious and comfortable throughout.

Ladies Hall is open to young ladies, both to room and board. Young gentlemen, who desire it, are received to table board.

The rooms are arranged in suits of two—a study room and a sleeping room—with a closet; each suit is designed for two occupants. The rooms are comfortably furnished with carpet, stove, study-table, wash-stand, mirror, chairs, woven wire bed with mattress, lamp and window curtains. Occupants have to provide themselves with towels, soap, napkins, and all bedding required, except the spring and mattress.

Water is supplied to each floor. A dumb-waiter is in service from basement through to upper story. Those who wish can do their own washing in the basement, which has cement floor and brick walls. Others can send their washing out to the various laundries in town.

Young women rooming in Ladies Hall have an opportunity, by early application, of working one or more hours a day, at twelve and a half cent per hour, thus helping themselves to meet expenses.



The Lady Principal has her home in the Hall, and is in immediate charge of the ladies who room there. It is designed to make this beautiful building, as nearly as possible, a true home for all who have apartments in it during the school year.

Address the Lady Principal, Miss JULIA M. ADAMS, in regard to rooms or other matters connected with the Hall.

Room rent and board are payable, each half term, in advance, to A. HINMAN.

#### PENMANSHIP.

Two courses of fifteen lessons are given during the first two terms, by a successful writing master, *without extra charge to students.*

#### ADMISSION.

The Institution is open to all students of suitable age and character, without distinction of race or sex; but it is not a reform school, and does not undertake the education of any youth who may prove too difficult for reasonable home rule and restraint. Hence, the right is reserved, in any case, to require evidence of good character and behavior.

Any student under sixteen years of age, from out of town, should be committed to the special oversight of some resident of the place whom the Faculty or Ladies Board may approve.

Students coming from other institutions will present a certificate of honorable dismissal.

#### EXAMINATIONS.

Examinations for admission are held on Wednesday, the 18th of September, at 9 o'clock, A. M. at the College.

To enter either Academic Course in full standing, the pupil must be able to pass examination in Writing, Spelling, Arithmetic through fractions, the rudiments of English Grammar and outlines of Descriptive Geography.

Applicants for admission to the Collegiate courses—who must be at least fifteen years of age—are required to pass examinations in the studies of the corresponding Academic course, or their equivalents.

For admission to Advance Standing, there is required an examination in the studies already passed over by the class which the student wishes to enter, or their equivalents, and also the corresponding advancement in age.

Examinations are held at the close of each study; and in the Collegiate Courses, in addition to these, examinations may be had at the direction of the Faculty at the end of each year upon any studies of the year, at which all members of the respective classes are expected to be present.

All recitations and examinations are marked on a scale of 10. An average of not less than 7 is required before leaving a study. (In spelling 8.5).

A record of attendance, class standing and deportment is kept, and reports are sent each term to parents, guardians or adult pupils.

## STUDY HOURS.

Study hours, except on Saturday and Sunday, are from 8:45 to 12:00 A. M., from 1 to 3 P. M., and from 7 to 9 P. M. After May 1, from 7:30 to 9 P. M., and on Saturday throughout the year, from 8 to 9 P. M.

During these hours, and after 9 P. M., students are to be at their rooms or at school, unless specially excused.

## TUITION AND OTHER EXPENSES.

Tuition is payable per term in advance, to HON. A. HINMAN, Local Treasurer.

In the Academy—First term	\$11 00
Second “	10 00
Third “	9 00
In College—First term	16 50
Second “	15 00
Third “	13 50

Two studies in College require Collegiate tuition.

Sons and daughters of Home Missionaries are admitted at half rates.

A library fee is also required of *each student*, of twenty-five cents per term, payable with the tuition.

Price of board varies according to cost of supplies. For the coming year, table board at the Ladies Hall will be \$2.50 per week. Room rent and board, including fire and light, with the privilege of the house, will be \$3.00 to \$4.00 per week, according to location and furnishing of room.

Board in families can be had at from \$3.00 to \$4.50 per week, including furnished room, fire and light.

Students can board themselves at much less expense, in cases where inclination or necessity requires closer economy.

Perhaps a pleasant way to economize is for several students to form a club, they furnishing supplies and hiring a cook to prepare meals.

No student is allowed to room at a hotel or public boarding house, except upon special permission of the Faculty or Ladies Board.

In selecting or changing boarding places, students must consult the presiding officer of their Department, and young ladies boarding themselves must be under the supervision of the lady of the house where they room.

All students on entering and leaving the school, are required to report to the presiding officer of their Department.

Students can deposit their money with the Local Treasurer at the opening of the term, and draw it out during the term in such sums as may be needed. But the Treasurer or Faculty do not attempt to assume any special oversight or control of the personal expenditure of students.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases where they are excused before the

middle of the term on account of their own sickness, in which event the tuition for the latter half of the term may be paid back.

It is the policy of the Institution to foster in the community all advisable facilities for self-support, such as working at trades two or three hours a day, and half a day on Saturday, doing chores in private families, taking care of yards and gardens, taking the janitorship of public buildings, sawing wood, teaching in vacation, or whatever else the student may find to do, so long as it does not prove detrimental to health and study. The school does not furnish either manual or professional labor, but it encourages students in them both as equally honorable. No student, in learning the Sciences and Classics, should neglect honest daily work, work even with the hands.

In this way many most worthy students are enabled to pursue their studies and acquire proficient and enduring scholarship.

Efforts will be made to arrange so that students in regular Courses, who are obliged to be absent teaching in term time, can make up their studies during the summer vacation.

The Christian Scholarship Fund provides tuition for approved applicants.

### COURSES OF STUDY.

In the Academy there are two Courses of three years each. In College there are three Courses; the full Classical Course, of four years; the Literary Course and the Scientific Course, of three years each.

The Classical Course is in substance the same as that pursued in Eastern Colleges.

In the pursuit of these Courses of study the aim is a high standard of character and scholarship.

The Literary and Scientific courses are as yet incomplete and it is expected soon to add another year to each.

The Literary course is formed by slight changes from that heretofore known as the Ladies Course.

No exchange of studies in the regular courses can be made without permission of the Faculty; and in case of exchange a substantial equivalent will be required.

Of the modern languages in the second year of the Literary Course, in case one has already been taken the other will be required.

### DEGREES AND CERTIFICATES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course.

Certificates of Graduation are presented to students completing the Academic Courses.

There is a charge of \$5.00 for the Collegiate diploma and 50 cents for the Academic certificate.

Any Bachelor of Arts wishing to receive the degree of Master of Arts *in course*, is required to furnish evidence to the Trustees of continued interest and progress in professional or literary pursuits, by presenting either a written thesis or a public oration before receiving the degree, the subject of the same to be presented to the President at time of applying for the degree.

#### THE LIBRARY.

The Library contains about 6,000 volumes, and now has a substantial fund for its increase, and is open twice a week.

These volumes are classified for ready reference, and in some of the more practical departments of knowledge they are very full. The Librarian will gladly assist students to secure the greatest possible advantage from the Library.

Resolve to edge in actual reading every day, if it is but a single sentence. If you gain fifteen minutes a day it will make itself felt at the end of the year.—HORACE MANN.

#### THE CABINET

The collections in Geology and Natural History are already considerable and are increasing, so that these branches can be quite fairly illustrated.

Contributions to the Cabinet may be sent to any member of the Faculty; they will be gladly received, and will find their way to their proper place.

#### APPARATUS.

The Philosophical and Chemical apparatus is, some of it, very superior, and sufficient for good, practical work.

#### LITERARY SOCIETIES.

There are two of these in the Institution: The Gamma Sigma for gentlemen, and the Philomathean for ladies. These Societies are maintained and managed wholly by the students. Membership in them is voluntary.

They meet weekly in pleasant rooms in the University buildings, and are the means of developing and fostering true literary excellence. The exercises are mainly original, and consist of essays, orations and discussions.

No small part of the benefit of these Societies, is the familiarity which the members acquire with parliamentary rules and the practical workings of public assemblies.

#### RELIGIOUS EXERCISES.

The Institution is designed to breathe through all its classes and departments a kindly, faithful, healthful, transforming, Christian



atmosphere, and in aid of this general Christian influence which, it is desirable, should pervade the University, some special Religious Exercises are requisite.

Accordingly, all students are required to attend church service on Sabbath morning. There are several different churches in the place. Each student attends the church of his choice, but must select and attend some one church regularly.

All students will attend daily prayers at the chapel.

Students who so desire are, by general excuse, permitted to attend any regular or stated prayer-meeting once a week.

Classes meet once a week for study, according to the following outline:

#### COLLEGIATE COURSES.

FIRST YEAR—Greek or Latin Testament in Gospels or Harmony.

SECOND " " " " " "

THIRD " " " " in Acts or Epistles.

FOURTH " Hebrew Bible, or Greek Testament in Epistles.

#### ACADEMIC COURSES.

FIRST YEAR—Old Testament History.

SECOND " New " "

THIRD " Outline of Bible Study.

#### GOVERNMENT AND DISCIPLINE.

Very careful attention is given to this vital and perplexing problem of school government. As closely as possible the government of the Institution is modeled after that of the well-ordered family, in which the two scriptural injunctions—"Children, obey your parents," and "Fathers, provoke not your children"—complement each other.

The government is lodged in the Faculty and the Ladies Board, who endeavor to exercise authority in a considerate, helpful and affectionate spirit. A docile, filial spirit of obedience on the part of the students will cancel all the perplexity out of the problem.

Students are presumed by their presence, to profess regard for the general rules of good manners and good morals, especially regularity and orderly conduct, faithfulness in study, respect for authority, and thorough honesty.

The rules of the Institution are few and simple, and in the main are such as appeal to the student's self-respect and personal responsibility. He is required, however, to abstain from the use of intoxicating drinks; to refrain from the use of profanity; from attending dancing parties during term time; from going into billiard halls or saloons; and from the use of tobacco about the University buildings or on the campus.

Students from abroad in special departments are subject to the general rules of the Institution.

Students in any department of the Institution shall not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

Parents and the public are seriously asked to bear in mind that this is a school of the two sexes, where scores of young men and women, of boys and girls, come together at a distance from home. By bearing this fact in mind, they will readily see the reasonableness and necessity for very vigilant regulations respecting the associations of the one sex with the other. By no means do all the students require these regulations. But in order that the very few shall not scandalize the many, very strict rules must be enforced, and all alike must submit to them.

#### SOCIAL PRIVILEGES.

Sociability among students is encouraged. They are allowed to make and receive calls between study hours, and also on Friday evening not later than 9:00 o'clock.

Occasional sociables will be held for the benefit of students.

General permission will be given from time to time to attend such public entertainments as the Faculty and Ladies board may approve.

Special permission will also be given to accept occasional invitations from citizens.



# TEXT BOOKS.

Arithmetic—Brooks' Practical and Mental.  
Algebra—Wentworth's Complete.  
Geometry—Wentworth.  
Trigonometry—Olney.  
Analytical Geometry—Wentworth.  
Calculus—Taylor.  
Physics—Olinsted.  
Astronomy—Olinsted.  
Book-keeping—Bryant & Stratton.

English Grammar—Reed & Kellogg.  
Composition and Rhetoric—Hart.  
Latin Grammar—Allen & Greenough.  
Latin Lessons—Jones.  
Greek Grammar—Goodwin.  
Greek Lessons—Leighton.  
Universal Literature—Botta.  
French—Keetels' Grammar.  
United States History Higginson.  
General History Barnes.  
History of Civilization—Guizot.  
English Literature.

Geography, { Montfeith's Descriptive.  
Physiology—Loomis. { Houston's Physical.  
Zoology.  
Chemistry—Avery.  
Geology and Mineralogy—Le Conte.  
Botany—Wood.

Rhetoric—Bascom.  
Evidences—Hopkins.  
Logic—Hill.  
Civics—Mowry.  
Political Economy—Wayland.  
Moral and Mental Science—Hopkins.  
History of Philosophy—Schwegler.



# Alumni.

1863.

Harvey W. Scott, A. M., Editor-in-Chief *Oregonian*..... Portland

1866.

George H. Durham, A. M., Attorney at Law ..... Portland

Myron Eells, A. M., Congregational Clergyman ..... Skokomish, Wash

Edward B. Watson, A. M. Attorney at Law ..... Portland

1867.

John Q. A. Bowlby, A. M., Attorney at Law, ..... Astoria

J. Elkhanah Walker, A. M., Missionary A. B. C. F. M ..... China

David Raffety, B. S., M. D., Physician ..... East Portland

1868.

Charles C. Hall, A. M., Farmer ..... East Portland

Thomas H. Tongue, A. M., Attorney at Law ..... Hillsboro

1869.

Jacob Hoover, A. M., Banker ..... Lewiston, I. T

Raleigh Stott, A. M., Attorney at Law ..... Portland

Harriet (Hoover) Killin, M. S ..... Portland

1870.

Frank L. Scott, A. B., *obit*, 1873 ..... Gaston

Addison A. Lindsley, A. B., Farmer ..... Union Ridge, Wash

Georgiana (Brown) Bowlby, M. S ..... Astoria

Phoebe Irene (Clark) Davis, M. S ..... Salem

Candace A. (Neal) Luce, M. S ..... Hillsboro

1872.

Henry B. Luce, A. B., Farmer ..... Hillsboro

1873.

Levi C. Walker, A. M., Surveyor and Asst. Prof. Math.,

T. A. and P. U ..... Forest Grove

William R. Bilyeu, B. S., Attorney at Law ..... Albany

W. D. Lyman, A. M., Prof. of History and of the Eng.

Language and Lit ..... Whitman College

Mary (Goodell) Burt, M. S. .... Drain

Sarah I. Lyman, M. S ..... Forest Grove

1874.

Eugene P. McCornack, A. B., Attorney at Law	Salem
Herbert F. McCornack, A. B., M. D., Physician	Dayton, Wash.
Willard H. Latourette, B. S., Baptist Clergyman	Los Gatos, Cal.
Jacob G. Stevenson, B. S., Farmer	Eugene
Dora Hinshaw, M. S.	Crab Creek, Wash
Ella (Scott) Latourette, A. M.	Oregon City

1875.

Hattie (Martin) Vestal, B. S.	Snohomish, Wash
S. Belle (Putman) Walker, M. S.	Forest Grove

1876.

Edward M. L. Atkinson, A. B., Attorney at Law	Portland
Hatstara Tamra, A. M., Teacher in Gov't School	Osaka, Japan
James T. Martin, B. S. M. D., Physician	Woodland, Cal
Agero Nosea, B. S., Teacher in Gov't School	Nagano, Japan
Kin Saito, B. S., (LL. B., University of Michigan 1878)	
Judge of Superior Court	Hirosima, Japan
Ella (Watt) Jackson, M. S.	Forest Grove

1877.

William K. Curtis, B. S., Farmer	Forest Grove
Charles W. Schaaff, B. S., M. D., Physician	Brownsville
Tabitha (Clark) Eberts, M. S.	Fort Hamilton, N. Y. Harbor

1878.

Laura M. (Hoxter) Whalley, A. B.	Colfax, Wash
DeWitt Clinton Latourette, A. M., Attorney at Law	Oregon City
Horace S. Lyman, A. M., Congregational Clergyman	Portland
Ella (Scott) Latourette, A. M.	Oregon City
Milton W. Smith, A. M., Attorney at Law	Portland
Mary A. (Cresswell) Eagen, M. S.	Pendleton
Mary S. Eaton, M. S., <i>obit</i> , 1882	Oswego
Elvia H. Fearnside, <i>obit</i> , 1879	Forest Grove
Mary J. (Lyman) McCoy, M. S.,	East Portland
Samuel R. Stott, B. S., Attorney at Law	Portland

1879.

William N. Barrett, B. S., Attorney at Law	Hillsboro
Frank M. Beckwith, B. S.	Wawawai, Wash

1880.

Newton McCoy, A. B., Attorney at Law	Portland
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1881.

George W. Coplen, A. B.	Spokane, Wash
John T. Whalley, A. M., Congregational Clergyman	Colfax Wash
J. Alfred Watt, B. S., M. D.	Pullman Wash



1882.

Mitchell Gilliam, A. B., Attorney at Law ..... Yakima, Wash  
Barnett Y. Roe, A. B., Attorney at Law ..... Portland  
Mary Virginia Keene, M. S. .... Fairfield

1883.

Napoleon Davis, A. M., Clerk of Board of School Land Commis-  
sioners ..... Salem  
Adelaide Poppleton, A. B. .... Lafayette  
Anna Jackson, M. S., Teacher ..... Tacoma, Wash

1884.

Joseph Beek, A. B., Merchant ..... Portland

1885.

Maggie J. Macrum, B. S., Conservatory of Music ..... Boston, Mass  
Marion C. Adams, A. B., Nurseryman ..... Pendleton  
Silas M. Shipley, B. S., Attorney at Law ..... Seattle, Wash

1886.

Laura Marsh, M. S. .... Forest Grove  
J. Wheelock Marsh, A. B. .... Portland  
James R. Marsh, A. B. .... Forest Grove

1887.

William D. Wood, A. B., Medical Student ..... Mich. University  
Callie (Campbell) Montgomery, M. S. .... Summit  
Mary Gray, M. S. .... Portland  
Ethel Gray, M. S. .... "  
Nellie Woods, M. S. .... Forest Grove  
J. C. Clark, B. S., Photographer ..... La Grande

1888.

Estella S. Porter, A. B. .... Forest Grove  
Fred N. Hallett, B. S. .... Dilley  
Frank W. Hinman, B. S. .... Forest Grove  
Will P. Marsh, B. S. .... "  
John U. Smith, B. S. .... Lafayette

1889.

Mattie E. Koontz, B. S. .... Napavine, Wash  
Sidney E. Marsh, A. B., .... Forest Grove  
Clay McNamee, B. S. .... Dilley

## Officers of Alumni Association:

E. P. McCORNACK, '74, <i>President</i> .....	Salem
L. C. WALKER, '73, <i>Vice-President</i> .....	Forest Grove
LAURA W. MARSH, '86, <i>Secretary</i> .....	"
NELLIE WOODS, '87, <i>Treasurer</i> .....	"



## Terms and Vacations, 1889-90.

The School year, in all departments of the Institution is divided into three Terms.

Fall Term begins Wednesday, September 18, and runs fourteen weeks.

Winter Term begins Thursday, January 2, and runs thirteen weeks.

Spring Term begins Monday, April 7, and runs ten and half weeks.

Holiday Vacation, December 25 till January 1, inclusive.

Spring Recess, April 2 till 6, inclusive.

Summer Vacation begins June 19.

The year closes at Commencement on Wednesday, June 18.

Thanksgiving and Decoration days are stated holidays in the Institution.

Special holidays are given during the year at discretion of the Faculty.

Students may enter their classes at any time, but it is very desirable, and far preferable, for them to be present at the beginning of the term.

## Special Notice



The Faculty invite and desire the friends, the patrons, the Alumni, and especially the Trustees of the Institution, to visit the school at any time during the year, as they may be able to find their way to Forest Grove.



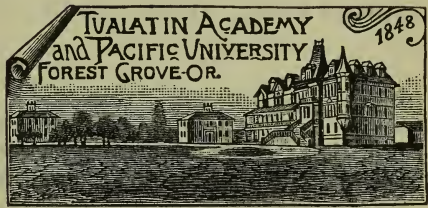
*Pro Christo et Regno Suis.*



# CATALOGUE



—OF—



*Tualatin Academy* 

*Pacific University,*

FOREST GROVE, OREGON.

—❖❖❖ 1890. ❖❖❖—

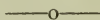
FOREST GROVE, OR.  
DEMOCRAT STEAM PRINTING HOUSE.

1890.





## Should a Boy Who Is to Enter Business Go to College?



WM. S. MELLIN, GENERAL MANAGER N. P. R. R.

In regard to the much vexed question I could have but one answer, and that would be, positively and unequivocally, "Yes, if he can procure the means to do so." We must concede the fact the fact that physical and mental force, as a rule, produce the best results when they go hand in hand; when combined they are what make successful men, if controlled by a correct moral nature. The man who has the advantages of mental discipline and a thorough education will go through life more smoothly, and as he rises in the social scale through business successes will find himself better qualified and adapted to the higher position than he possibly could be without the collegiate education. I don't think the younger class of business men feel this as much as those who have reached near to the summit of success which brings them in contact with the brightest and best men of the world. I have heard the expression from many in business, "How I wish I had been better educated in early life," but as a rule this thought comes to those whose successes have enabled them to grasp the better and brighter things of the world.





## BOARD OF TRUSTEES.

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REV. J. F. ELLIS, ex-officio.....	Forest Grove
HON. G. SHINDLER, President.....	Portland.
REV. MYRON EELLS, D. D., Secretary.....	Skokomish, Wash
HON. HENRY FAILING, Treasurer.....	Portland
HON. A. HINMAN.....	Forest Grove
MR. E. M. ATKINSON, Assistant Secretary.....	Portland
REV. O. DICKINSON.....	Salem
HON. H. W. CORBETT.....	Portland
HON. G. H. COLLIER, LL. D.....	Eugene City
HON. R. P. BOISE, LL. D.....	Salem
REV. T. E. CLAPP.....	Portland

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## LADIES' BOARD.

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JULIA M. ADAMS, ex-officio.....	Forest Grove
SOPHIA M. HINMAN.....	"
MARY H. ELLIS.....	"
MARY H. EDWARDS.....	"

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## FINANCE COMMITTEE.

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REV. J. F. ELLIS.  
 J. W. MARSH.  
 D. L. EDWARDS.  
 E. M. ATKINSON.  
 A. HINMAN.

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### LIBRARIAN :

JOSEPH W. MARSH, A. M.

# MEMBERS OF THE FACULTIES \*

AND OTHER INSTRUCTORS.

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1890-91.

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REV. F. J. ELLIS, A. M., D. D., PRESIDENT,  
Professor of Mental and Moral Sciences.

JOSEPH W. MARSH, A. M., PH. D.,  
Professor of Greek and Latin.

WILLIAM N. FERRIN, A. M.,  
Professor of Mathematics.

G. W. SHAW, A. M.,  
Professor of Natural Sciences.

JULIA M. ADAMS,  
Principal of Ladies Department.

D. L. EDWARDS, A. M.,  
Principal of Academy.

MARY H. EDWARDS, MUSICAL INSTRUCTOR,  
Piano, Organ and Voice.

†  
Instructor in Art and Art History.

J. M. GARRISON, A. M.,  
Penmanship.

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\* The Faculties of the Collegiate and Academic Department are, for the present, one and the same.

† To be supplied.

# Conservatory of Music.

J. F. ELLIS, PRESIDENT.

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MARY H. EDWARDS, INSTRUCTOR.

---

....., ASSISTANT.

---

Music is the highest language, the loftiest form of expression possible to Man.

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The design of this Department is to form musicians of true musical taste, who shall use only that which is best, and be able to render it in a clear, intelligent style, worthy of the composer.

---

## *Course of Study for the Piano Forte.*

Selections from the following works or an equivalent :

### FIRST PERIOD.

#### STUDIES.

Plaidy's Technical studies; Gurlitt op. 83, 2 bks.; Czerny op. 823; Kohler op. 151; Bruner op. 12, bk I.; Loeschhorn, op 84, bk I.

#### PIECES.

Easy duets and pieces by Low, Reinecke, Spindler, Fradel and others; easy sonatinas by Liehner, Clementi op. 36, and Kuhlau.

### SECOND PERIOD.

#### STUDIES.

Plaidy Technic; Czerny op. 849; Kohler op. 50; Doring op. 38; Bruner op. 12, bk. 4; Loeschhorn op. 84, bk. 2; Duvernoy op. 120; Heller op. 47, bk. 1; Krause op. 2, bk. 1.

#### PIECES.

Sonatas by Kuhlau, Clementi and easy sonatas by Mozart, Beethoven and Hayden; selections from Durand, Schulhoff, Jungman, Gade, Heller, Mendelssohn and Weber.

### THIRD PERIOD.

#### STUDIES.

Schmidt op. 114; Loeschhorn op. 66; Heller's Art of Phrasing and Expression; Krause op. 2, bk. 2; Preludes and Fugues by Bach; Czerny op. 740, 2 bks; Cramers 50 studies, bk. 1; Dorings Octave School.

#### PIECES.

The more difficult sonatas by Mozart, Haydn and Beethoven; Rondos,

Caprices, Impromptus, etc., by Mendelssohn, Dussels, Schubert, Schumann, Raff, Rubinstein, Liszt and Chopin.

It requires from three to five years to complete this course, according to the ability and diligence of the pupil.

---

## *Course of Study in Vocal Music.*

### FIRST PERIOD.

Study of the formation of pure tone.

Study of pronunciation and proper use of breath.

Study of major and minor scales and chromatics.

Seiler's Exercises for flexibility.

Concones, Vocalises and Marchesi op. 5.

Songs from English and German Composers.

### SECOND PERIOD.

Farther studies for flexibility.

Studies of slow trills and musical figures.

Vocalises from Marchesi op. 2. Songs of Schumann, Schubert, Franz, Mendelssohn, and Rubinstein. Airs from standard operas and oratorios.

It requires from two to three years to complete the vocal course.

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## *Cabinet Organ.*

Pupils desiring to study organ music will be instructed in church music, voluntaries, interludes and all music best fitted for the organ.

Many pieces and selections from modern composers not mentioned in the courses will be given.

The fundamental principles of Harmony will be taught in connection with both courses.

The Technicon or "Hand Gymnasium," which is of great value in strengthening the wrists, hands and fingers and giving an equal and elastic touch, will be used in connection with the instrumental work and be free for the pupils' daily practice.

At the close of each term the pupils will give a public piano and song recital.

Pupils who complete either the Piano-forte or Vocal course will be awarded a certificate from the University.

### TUITION FOR EACH TERM IN ADVANCE.

Except in case of sickness, pupils lose all lessons that they miss by absence.

### LESSONS BY MRS. EDWARDS AT THE FOLLOWING RATES.

Private instrumental or vocal lessons, each . . . . .	75
Class lessons, two in the hour, devoting a half hour to each . . . . .	50
Private lessons by assistant, each . . . . .	60

Rent of piano, two hours per day, \$1 per month.

Rent of music from musical library from 75c to \$1 50 per term, according to the amount required.

# School of Art.

—O—

J. F. ELLIS, PRESIDENT.

—

....., INSTRUCTOR.

Ability to paint and draw is in our day much more than a fashionable accomplishment. Mechanical eminence of manufacturing nations especially is largely advanced by training the youth to skill in the use of brush and pencil. Still as an æsthetic accomplishment, it is a means of substantial culture and enduring pleasure.

Instructions in this Department include all branches of drawing and painting. It is the purpose of the department to develop originality, and individual ability, among the students. From the outset the pupil is taught to make Nature his guide, and as early as possible is required to make studies and sketches from life. A variety of models will be furnished.

There will be an exhibition of work at the end of the first and second terms and a Commencement exhibition at the close of the year. Pieces will be retained until that time.

## STUDENTS CLASS—COURSE OF STUDY.

### FIRST YEAR.

FIRST TERM—Cast Drawing (Ornament), Drapery.

SECOND TERM—Cast Drawing (Masks, Limbs), Still life.

THIRD TERM—Cast Drawing (Torso's Figures), Sketch Class.

### SECOND YEAR.

FIRST TERM—Drawing (Life). Sketch Class (costumed).

SECOND TERM—Painting (Still life). Drawing (Life).

THIRD TERM—Painting (Life).

On two evenings of the week, an hour will be devoted to demonstrations in Design, Art History, Costume, Perspective, etc., during the whole time.

## AMATEUR CLASS.

Oil, water color, crayon, pencil, etc.

—

## TERMS—TUITION IN ADVANCE.

### STUDENT CLASS.

Terms, of twelve lessons (inclusive).....\$ 8 00

### AMATEUR CLASS.

Drawing.....	\$ 6 00
Water Color.....	9 00
Oils.....	10 00
Crayon.....	12 00



# The Elocution Department.

J. F. ELLIS, D. D., PRESIDENT.

GEO. WRIGHT SHAW, A. M., INSTRUCTOR.

This department offers excellent advantages to students wishing to perfect themselves in the study of reading and speaking. The course aims to make natural, elegant and forcible readers and speakers for the home circle, the schoolroom, the reading circle, the church entertainment, and the public platform. It is the aim to afford such thorough instruction in Elocution that that the student may be able to analyze all forms of literature and decide with certainty as to the manner of delivery; to so train the student that he may have complete control of all his expressive powers, and be able to give each style of composition its appropriate form of delivery. The work is arranged to meet the immediate needs of the students as a whole, and for this purpose is divided into

## I.—Preliminary Course. II.—Advanced Course.

In the preliminary course the principles are clearly set forth, and the student is drilled on the elements of voice, gesture, and articulation. In the advanced course the principles of analysis and expression are applied to all forms of literature, and the student is trained to a self-reliant use of his powers in reading and speaking.

## PUBLIC MONTHLY RHETORICALS.

All students classified in the advanced course are required from time to time to take such part in the regular monthly rhetoricals as may be assigned to them by the instructor.

In addition to the advanced pupils, others of a lower grade are occasionally expected to participate in these exercises, as in this way as in no other, are they enabled to acquire that confidence and ease of manner so necessary for appearing in public.

## PRIVATE INSTRUCTION.

Those desiring private instruction in elocution, in which the entire time will be devoted to the pupil, and individual faults corrected, can secure the same of Prof. Shaw at the following rates:

Twenty-four half-hour lessons.....	\$12 00
Twelve, hour lessons.....	10 00
Single, half-hour lessons.....	50

# Students in Collegiate Department.

—0—  
1889-90.  
—

## CLASSICAL COURSE.

### SENIOR CLASS.

Macrum, William S.	Forest Grove
Nelson, G. Walter	Kirkland, Wash

### JUNIOR CLASS.

Lee, John A.	Forest Grove
Patton, Mary E.	" "

### SOPHOMORE CLASS.

Sedgwick, Belle	Forest Grove
Whitten, Fred C.	Newport

### FRESHMAN CLASS.

Bond, William	Forest Grove
Bond, Austin	" "
Smith, Fred	" "
Stewart, Horace	" "
Stewart, Loring	" "

## SCIENTIFIC COURSE.

### THIRD YEAR.

Alexander, Aleck	Dilley
Bush, Lafayette L	Bay Center, Wash

### SECOND YEAR.

Alexander, Albert	Dilley
Bates, William A.	Gaston
Caples, Jesse R.	Forest Grove
Naylor, Edward L.	" "
Patton, Pem	" "
Snider, A. B	Lyle, Wash

### FIRST YEAR.

Bailey, F. J.	Hillsboro
Merges, E. E.	Portland

## LITERARY COURSE.

### THIRD YEAR.

Lee, Mary E.	Forest Grove
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### SECOND YEAR.

Hinman, Margaret	Forest Grove
Total	23

# Students in Academic Department.

1889-90.

## SENIOR CLASS.

### LADIES.

Anson, Margaret H.	La Grande
Koontz, Anna C.	Napavine, Wash
Morrison, Ella	Monkland
Morrison, Nannie B.	Monkland
Stewart, Emma	Forest Grove

### GENTLEMEN.

Bisbee, Ruel M.	Forest Grove
Buxton, Austin T.	" "
Gordon, Wm. S.	" "
Macrum, John W.	" "
Merges, Ernest E.	Portland.
Millar, John W. H.	Farmington.
Stanbrough, Amos	Newberg
Total in Senior Class, 12.	

## MIDDLE CLASS.

### LADIES

Burgess, Laura M.	Bake Oven
Dobbin, Hettie	Union
Goodin, Stella	Glencoe
Gordon, Ella	Forest Grove
Grandy, Mabel	La Grande
Howe, Belle	Forest Grove
James, Sarah	Hillsboro
McDonald, Anna	Summerville
McKercher, Florence H.	Portland
McWhirter, May	La Grande
Morrison, Margaret	Monkland
Pomeroy, Anna	Portland
Proebstel, Mollie	La Grande

### GENTLEMEN.

Bailey, John W.	Hillsboro
Bond, Harry	Forest Grove
Brewer, Grant	Lexington
Craig, Willie	Farmington
Greenway, Wm.	Clatsop Beach
Hollister, David F.	Greenville
Powell, F. A.	Gales Creek
Robb, Wm	Forest Grove
Shiach, W. S.	Kirkland, Wash
Thomas, A. E.	Forest Grove
Total in Middle Class, 23.	

## JUNIOR CLASS.

### LADIES.

Baber, Livene H.	Forest Grove
Beal, Ora M.	Forest Grove
Briggs, Ida E.	Seattle, Wash
Church, Anna M.	Kirkland
Clapshaw, Edith.	Gales Creek
Duncan, Gertrude I.	Kirkland
Gerrish, Rosa N.	Forest Grove
Hassett, Ada G.	La Grande
Hatch, Mabel E.	Amity
James, Helen.	Hillsboro
Johnston, Maud	Forest Grove
Johnston, Myrtle M.	Forest Grove
Koontz, Charlotte J.	Napavine, Wash
Millar, Winiired.	Farmington
Marrice, Kate.	Vancouver, Wash
Myers, Dolly.	Forest Grove
Myers, Rebecca.	" "
Naylor, Edith L.	" "
Porter, Nellie S.	" "
Roe, Anna E.	Gaston
Rowe, Francis Myrtle.	Forest Grove
Russell, Minnie C.	Gaston
Smith, Carrie.	Forest Grove
Smith, Lizzie.	Forest Grove
Spangler, Ella.	" "
Wells, Emma.	" "
West, Maud.	Skipanon

### GENTLEMEN.

Bailey, A. B.	Hillsboro
Beal, John.	Forest Grove
Barnes, A. H.	Dixie, Wash
Cornelius, Benj.	Centerville
Elliott, W. C.	Glencoe
Elliott, E. B.	" "
Ellis, Arthur B.	Forest Grove
Ellis, Carl.	" "
Freeman, Henry M.	" "
Iler, Samuel.	Gales Creek
Kerns, H. A.	East Portland
Marsh, Fred.	Forest Grove
Marsh, W. W.	Centerville
Mason, Klyde.	Portland
Morrison, Thomas	Monkland
Naylor, Hiram.	Forest Grove
Olds, A. K.	Mc Minnville
Parker, Hervey.	Gaston
Parker, Arthur.	" "
Porter, Albert.	Forest Grove
Russell, Frank.	Gaston
Simpson, Frank.	Farmington
Smith, W. D.	Forest Grove
Spangler, James W.	" "
Sowle, Chester.	Grants

Thompson, Fred.....	Forest Grove
Ward, Edward.....	“ “
Whitten, Walter.....	Newport
Williams, Claude.....	Amity
Total in Junior Class, 56.	

## PREPARATORY CLASS.

### LADIES

Angelo, Mattie E.....	Gray's Harbor, Wash
Conner, Nancy.....	Amity
Crampton, Amanda.....	Forest Grove
Dinsmore, Ida.....	Salem
Ellis, Cora Maud.....	Forest Grove
Hunter, Edna E.....	Island City
Iler, Myrtle.....	Gales Creek
Keene, Donia E.....	Forest Grove
Smith, Jean E.....	La Grande
Waters, Eva E.....	Forest Grove

### GENTLEMEN.

Danforth, Harry.....	Forest Grove
Fisher, Harry.....	Goose Point, Wash
Gleason, Leonard.....	Forest Grove
Pickett, Claude.....	Portland
Tompkins, James.....	Forest Grove
Wagner, Mett.....	“ “
Total in Preparatory Class.....	16
Total No. in Academy.....	106



# Students in Conservatory of Music.

## PIANO.

Anson, Margaret	La Grande
Baker, Belle	Gales Creek
Burgess, Laura	Bake Oven
Banford, James	Gales Creek
Boos, Lena	Forest Grove
Crang, Sadie	Astoria
Dobbin, Hettie	Union
Ellis, Maud	Forest Grove
Garrison, Blanch	" "
Grandy, Mabel	La Grande
Gleason, Myrtle	Forest Grove
Hassett, Ada	La Grande
Hughes, Elva	Forest Grove
Hunter, Edna	Island City
Hutch, Minnie	" "
Kaser, Minta	Forest Grove
Macrum, W. S	" "
McDonald, Anna	Summerville
McWhirter, May	La Grande
Morrice, Kate	Vancouver, Wash
Pickering, May	Greenville
Pomeroy, Anna	Portland
Porter, Nellie	Forest Grove
Shearer, Mattie	Gales Creek
Smith, Lizzie	Forest Grove
Smith, Day	" "
Smith, Jean	La Grande
Walker, Elda	Siletz
Walker, Leva	" "
Ward, Mrs. Dr.	Forest Grove
Warren, Zula	Hillsboro
Wells, Mrs. Aaron	Forest Grove
Vosper, Nellie	" "

## VOICE.

Boos, Lena	Forest Grove
Gleason, Myrtle	" "
Gerrish, Rosa	" "
Patterson, Mate	Gales Creek
Wells, Mrs. Aaron	Forest Grove
Wilkes, Elsie	Greenville
Total	39
Deduct number counted twice	3
Total number of different students in Conservatory	36

## SUMMARY.

Number of Students in College	23
" " " " Academy	106
" " " " Conservatory	36
Total	165
Deduct number counted twice	16
Total number different students in the University	149

# COURSES OF STUDY.

## COLLEGIATE COURSES:

### CLASSICAL COURSE.

#### Freshman Year.

FIRST TERM—Herodotus, Geometry, History.  
SECOND “ Livy, Algebra, French or German.  
THIRD “ Botany, Geometry, French or German.

#### Sophomore Year.

FIRST TERM—Tacitus, Trigonometry and Surveying, Physiology.  
SECOND “ Homer, Analytical Geometry, Zoology.  
THIRD “ Thucydides, Calculus, English Literature.

#### LITERARY COURSE.

##### First Year.

FIRST TERM—Cicero, Geometry, Zoology.  
SECOND “ Cicero, Algebra, Physiology.  
THIRD “ Vergil, Geometry, Botany.

##### Second Year.

FIRST TERM—History, Trigonometry, Chemistry.  
SECOND “ Pedagogus or Livy, Chemistry, French or German.  
THIRD “ English Literature, Geology and Mineralogy, French or German.

##### Third Year.

FIRST TERM—Rhetoric and Mental Science, Logic, Horace.  
SECOND “ Mental Science, Moral Science, Constitution.  
THIRD “ Evidences of Christianity, Political Economy.  
The Degree of B. L. is attached to this course.

#### Junior Year.

FIRST TERM—Horace, Mechanics, Chemistry.  
SECOND “ Quintilian and Drama, Physics, Chemistry.  
THIRD “ Plato, Astronomy, Geology and Mineralogy.

#### Senior Year.

FIRST TERM—Rhetoric and Mental Science, Logic.  
SECOND “ Mental Science, Moral Science, Constitution.  
THIRD “ Evidence of Christianity, Political Economy, History of Philosophy.

#### SCIENTIFIC COURSE.

##### First Year.

FIRST TERM—Geometry, Zoology, Cicero.  
SECOND “ Algebra, Physiology, Cicero, French or German.  
THIRD “ Geometry, Botany, Vergil, or French or German.

##### Second Year.

FIRST TERM—History, Trigonometry and Surveying, Chemistry.  
SECOND “ Constitution, Analytical Geometry, Chemistry.  
THIRD “ English Literature, Calculus, Geology, and Mineralogy.

##### Third Year.

FIRST TERM—Rhetoric and Mental Science, Logic, Mechanics.  
SECOND “ Mental Science, Moral Science, Physics.  
THIRD “ Evidences of Christianity, Political Economy, Astronomy.  
The Degree of B. S. is attached to this course.

NOTE 1.—Compositions and Elocution are required through all these Courses.

## ACADEMIC COURSES:

### LEADING TO THE CLASSICAL COURSE.

		LEADING TO THE SCIENTIFIC OR LADIES' COURSE.	
		First Year.	Second Year.
FIRST TERM—	Arithmetic, English Grammar, Descriptive Geography.	FIRST TERM—	English Grammar, General History, Caesar.
SECOND “	U. S. History, Arithmetic, English Grammar.	SECOND “	Physical Geography, General History, Caesar.
THIRD “	Arithmetic, Latin, English Grammar.	THIRD “	English Composition, General History, Greek.
		Third Year.	
FIRST TERM—	Algebra, Caesar, Natural Philosophy.	FIRST TERM—	Algebra, Greek, Cicero.
SECOND “	Algebra, Caesar, French or German.	SECOND “	Algebra, Greek, Cicero.
THIRD “	Algebra, Astronomy, French or German.	THIRD “	Algebra, Anabasis, Vergil.

NOTE 1.—Reading, Spelling and Rhetorical Exercises will be required through these Courses so far as it appears necessary.

NOTE 2.—At the discretion of the Faculty, classes may be formed for Students not fitted for the above Academic Courses.

# GENERAL INFORMATION.

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## LOCATION.

Forest Grove, the location of Pacific University, is situated twenty-five miles west of the city of Portland and six miles from Hillsboro, the county seat of Washington county. It is accessible by the Oregon and California railroad, which runs two passenger trains, each way, daily.

As its name implies, Forest Grove is a scene of sylvan beauty. There is no more charming spot in the entire state. To the westward rises the Coast Range, which breaks the force of the winter winds, while to the eastward spread out the fertile Tualatin plains, giving in the distance a view of Mount Hood and the Cascade range. Gales creek, a clear mountain stream, skirts the southwest limits of the town. With such situation and surroundings the place cannot be other than healthful and well calculated to make student life a delight and a blessing.

## GROUNDS AND BUILDINGS.

An ample campus, level on the north and west, gently sloping on the south-east and with a fine front eastward, forms an invaluable part of the dowry of the institution.

Two plain and substantial buildings, each two stories high and surmounted with a small tower, were erected under the presidency of Dr. Marsh and furnish chapel, recitation and library rooms and laboratory, commodious and comfortable throughout.

Ladies' Hall is open to young ladies, both to room and board. Young gentlemen, who desire it, are received to table board.

The rooms are arranged in suits of two—a study room and a sleeping room—with closet; each suit is designed for two occupants. The rooms are comfortably furnished with carpet, stove, study-table, washstand, mirror, chairs, woven wire bed with mattress, lamp and window curtains. Occupants have to provide themselves with towels, soap, napkins, and all bedding required, except the spring and mattress.

Water is supplied to each floor. A dumb-waiter is in service from basement through to upper story. Those who wish can do their own washing in the basement, which has cement floor and brick walls. Others can send their washing out to the various laundries in town.

The Lady Principal has her home in the Hall and is in immediate charge of the ladies who room there. It is designed to make this beautiful building, as nearly as possible, a true home for all who have apartments in it during the school year.

Address the Lady Principal, Miss JULIA M. ADAMS, in regard to rooms or other matters connected with the Hall.

Room rent and board are payable, each half term in advance, to PRES. J. F. ELLIS.

## PENMANSHIP.

Two courses of fifteen lessons are given during the first two terms, by a successful writing master, WITHOUT EXTRA CHARGE to students.

## ADMISSION.

The Institution is open to all students of suitable age and character, with-



out distinction of race or sex; but it is not a reform school and does not undertake the education of any youth who may prove too difficult for reasonable home rule and restraint. Hence, the right is reserved, in any case, to require evidence of good character and behavior.

Any student under sixteen years of age, from out of town, should be committed to the special oversight of some resident of the place whom the Faculty or Ladies' Board may approve.

Students coming from other institutions will present a certificate of honorable dismissal.

### EXAMINATIONS.

Examinations for admission are held on Wednesday, the 17th of September, at 9 o'clock A. M., at the College.

To enter either Academic Course in full standing, the pupil must be able to pass an examination in Writing, Spelling, Arithmetic through fractions, the rudiments of English Grammar and outlines of Descriptive Geography.

Applicants for admission to the Collegiate courses — who must be at least fifteen years of age — are required to pass examination in the studies of the corresponding Academic course, or their equivalents.

For admission to Advance Standing, there is required an examination in the studies already passed over by the class which the student wishes to enter, or their equivalents, and also the corresponding advancement in age.

Examinations are held at the close of each study; and in the Collegiate Courses, in addition to these, examinations may be had at the direction of the Faculty at the end of each year upon any studies of the year, at which all members of the respective classes are expected to be present.

All recitations and examinations are marked on a scale of 10. An average of not less than 7 is required before leaving a study. (In spelling 8.5).

A record of attendance, class standing and deportment is kept, and reports are sent each term to parents, guardians or adult pupils.

### STUDY HOURS.

Study hours, except on Saturday and Sunday, are from 8:45 to 12:00 A. M., from 1 to 3 P. M., and from 7 to 9 P. M. After May 1, from 7:30 to 9 P. M., and on Saturday throughout the year from 8 to 9 P. M.

During these hours, and after 9 P. M., students are to be at their rooms or at school, unless specially excused.

### TUITION AND OTHER EXPENSES.

Tuition is payable per term in advance, to Pres. J. F. Ellis, Local Treasurer.

In the Academy—First term.....	\$11 00
Second “ .....	10 00
Third “ .....	9 00
In College—First term.....	16 50
Second “ .....	15 00
Third “ .....	13 50

Two studies in College require a Collegiate tuition.

Sons and daughters of Home Missionaries are admitted at half rates.

A library fee is also required of each student, of twenty-five cents per term, payable with the tuition.

Price of board varies according to cost of supplies. For the coming year, table board at the Ladies Hall will be \$2.50 per week. Tea, coffee or milk, 25 cents additional. Room rent and board, including fire and light, with the privilege of the house, will be \$3.00 to \$4.00 per week, according to location and furnishing of room.



Board in families can be had at from \$3.00 to \$4.50 per week, including furnished room, fire and light.

Students can board themselves at much less expense, in cases where inclination or necessity requires closer economy.

Perhaps a pleasanter way to economize is for several students to form a club, they furnishing supplies and hiring a cook to prepare meals.

No student is allowed to room at a hotel or public boarding house, except on special permission of the Faculty or Ladies Board.

In selecting or changing boarding places, students must consult the presiding officer of their department, and young ladies boarding themselves must be under the supervision of the lady of the house where they room.

All students on entering and leaving the school, are required to report to the presiding officer of their Department.

Students can deposit their money with the Local Treasurer at the opening of the term, and draw it out during the term in such sums as may be needed. But the Treasurer or Faculty do not attempt to assume any special oversight or control of the personal expenditure of students.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases where they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term may be paid back.

It is the policy of the Institution to foster in the community all advisable facilities for self-support, such as working at trades two or three hours a day and half a day on Saturday, doing chores in private families, taking care of yards and gardens, taking the janitorship of public buildings, sawing wood, teaching in vacation, or whater else the student may find to do, so long as it does not prove detrimental to health and study. The school does not furnish either manual or professional labor, but it encourages students in them both as equally honorable. No student, in learning the Sciences and Classics, should unlearn honest daily work, work even with the hands.

In this way many most worthy students are enabled to pursue their studies and acquire proficient and enduring scholarship.

Efforts will be made to arrange so that students in regular courses, who are obliged to be absent teaching in term time, can make up their studies during the summer vacation.

The Christian Scholarship Fund provides tuition for approved applicants.

#### COURSES OF STUDY.

In the Academy there are two Courses of three years each. In College there are three Courses; the full Classical Course, of four years; the Literary Course and the Scientific Course, of three years each.

The Classical Course is in substance the same as that pursued in Eastern Colleges.

In the pursuit of these Courses of study the aim is a high standard of character and scholarship.

The Literary and Scientific Courses are as yet incomplete and it is expected soon to add another year to each.

The Literary Course is formed by slight changes from that heretofore known as the Ladies Course.

No exchange of studies in the regular Courses can be made without permission of the Faculty; and in case of exchange a substantial equivalent will be required.

Of the modern languages in the second year of the Literary Course, in case one has already been taken the other will be required.

## DEGREES AND CERTIFICATES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course.

Certificates of Graduation are presented to students completing the Academic Courses.

There is a charge of \$5.00 for the Collegiate diploma and 50 cents for the Academic certificate.

Any Bachelor of Arts wishing to receive the degree of Master of Arts in course, is required to furnish evidence to the Trustees, of continued interest and progress in professional or literary pursuits, by presenting either a written thesis or a public oration before receiving the degree, the subject of the same to be presented to the President at time of applying for the degree.

## THE LIBRARY.

The Library contains about 6,000 volumes, and now has a substantial fund for its increase, and is open twice a week.

Graduates of the University are allowed the use of the library for one dollar a year, and other responsible persons, not scholars, for fifty cents a month or five dollars a year.

These volumes are classified for ready reference, and in some of the more practical departments of knowledge they are very full. The Librarian will gladly assist students to secure the greatest possible advantage from the Library.

Resolve to edge in actual reading every day, if it is but a single sentence. If you gain fifteen minutes a day it will make itself felt at the end of the year.—HORACE MANN.

## THE CABINET.

The collections in Geology and Natural History are already considerable and are increasing, so that these branches can be quite fairly illustrated.

Contributions to the Cabinet may be sent to any member of the Faculty; they will be gladly received, and will find their way to their proper place.

## APPARATUS.

The Philosophical and Chemical apparatus is, some of it, very superior, and sufficient for good, practical work.

During the last year considerable additions have been made to the apparatus. Among the additions is a full set of the State Meteorological instruments from which observations are made daily, and a complete set of assaying instruments, which are in charge of a practical assayer; the benefit of whose operations the students in chemistry will obtain.

## ASSAYING.

Those desiring the working tests of ores, can secure the same with certificate of assay at reasonable rates for first-class work only, by addressing Prof. G. W. Shaw.

## LITERARY SOCIETIES.

There are two of these in the Institution: the Gamma Sigma for gentlemen, and the Philomathean for ladies. These societies are maintained and managed wholly by the students. Membership in them is voluntary.

They meet weekly in pleasant rooms in the University buildings, and are the means of developing and fostering true literary excellence. The exercises are mainly original, and consist of essays, orations and discussions.

No small part of the benefit of these Societies, is the familiarity which the members acquire with parliamentary rules and the practical workings of public assemblies.

#### RELIGIOUS EXERCISES.

The Institution is designed to breathe through all its classes and departments a kindly, faithful, healthful, transforming, Christian atmosphere, and in aid of this general Christian influence which, it is desirable, should pervade the University, some special Religious Exercises are requisite.

Accordingly, all students are required to attend church service on Sabbath morning. There are several different churches in the place. Each student attends the church of his choice, but must select and attend some one church regularly.

All students will attend daily prayers at the chapel.

Students who so desire are, by general excuse, permitted to attend any regular or stated prayer-meeting once a week.

Classes meet once a week for study, according to the following outline :

#### COLLEGIATE COURSES.

FIRST YEAR—Greek or Latin Testament in Gospels or Harmony.

SECOND “ “ “ “ “ “

THIRD— “ “ “ “ in Acts or Epistles.

FOURTH--“ Hebrew Bible, or Greek Testament in Epistles.

#### ACADEMIC COURSES.

FIRST YEAR—Old Testament History.

SECOND “ New “ “

THIRD “ Outline of Bible Study.

#### GOVERNMENT AND DISCIPLINE.

Very careful attention is given to this vital and perplexing problem of school government. As closely as possible the government of the institution is modeled after that of the well-ordered family, in which the two scriptural injunctions—“Children, obey your parents,” and “Father, provoke not your children”—complement each other.

The Government is lodged in the Faculty and the Ladies Board, who endeavor to exercise authority in a considerate, helpful and affectionate spirit. Docile, filial spirit of obedience on the part of the students will cancel all the perplexity out of the problem.

Students are presumed by their presence, to profess regard for the general rules of good manners and good morals, especially regularity and orderly conduct, faithfulness in study, respect for authority, and thorough honesty.

The rules of the Institution are few and simple, and in the main are such as appeal to the student's self-respect and personal responsibility. He is required, however, to abstain from the use of intoxicating drinks; to refrain from the use of profanity; from attending dancing parties during term time; from going into billiard halls or saloons and from the use of tobacco about the University buildings or on the campus.

Students from abroad in special departments are subject to the general rules of the Institution.

Students in any department of the Institution shall not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

Parents and the public are seriously asked to bear in mind that this is a school of the two sexes, where scores of young men and women, of boys and girls, come together at a distance from home. By bearing this fact in mind,



they will readily see the reasonableness and necessity for very vigilant regulations respecting the associations of the one sex with the other. By no means do all the students require these regulations. But in order that the very few shall not scandalize the many, very strict rules must be enforced, and all alike must submit to them.

#### SOCIAL PRIVILEGES.

Sociability among students is encouraged. They are allowed to make and receive calls between study hours, and also on Friday evening not later than 9:00 o'clock.

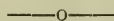
Occasional sociables will be held for the benefit of students.

General permission will be given from time to time to attend such public entertainments as the Faculty and Ladies board may approve.

Special permission will also be given to accept occasional invitations from citizens.



# Text Books.



ARITHMETIC.....	Brooks' Practical and Mental
ALGEBRA.....	Wentworth's Complete
GEOMETRY.....	Wentworth
TRIGONOMETRY.....	Olney
ANALYTICAL GEOMETRY.....	Wentworth
CALCULUS.....	Taylor
PHYSICS.....	Olmsted
ASTRONOMY.....	Olmsted
BOOK KEEPING.....	Bryant & Stratton



ENGLISH GRAMMAR.....	Brown
COMPOSITION AND RHETORIC.....	Hart
LATIN GRAMMAR.....	Allen & Greenough
LATIN LESSONS.....	Jones
GREEK GRAMMAR.....	Goodwin
GREEK LESSONS.....	Leighton
UNIVERSAL LITERATURE.....	Botta
FRENCH.....	Keetels' Grammar
UNITED STATES HISTORY.....	Higginson
GENERAL HISTORY.....	Barnes
HISTORY OF CIVILIZATION.....	Guizot
ELOCUTION.....	Shoemaker & Hamill

## ENGLISH LITERATURE, READING.



GEOGRAPHY.....	Monteith's Descriptive and Houston's Physical
PHYSIOLOGY.....	Martin
ZOOLOGY.....	Packard and Colton
CHEMISTRY.....	Shepard, with Lectures
GEOLOGY.....	Le Conte
BOTANY.....	Wood
NATURAL PHILOSOPHY.....	Avery
ELEMENTARY ASTRONOMY.....	Sharpless



RHETORIC.....	Bascom
EVIDENCES.....	Hopkins
LOGIC.....	Hill
CIVICS.....	Mowry
POLITICAL ECONOMY.....	Wayland
MORAL AND MENTAL SCIENCE.....	Hopkins
HISTORY OF PHILOSOPHY.....	Schwegler



# Alumni.

1863.

Harvey W. Scott, A. M., Editor-in-Chief Oregonian.....Portland

1866.

George H. Durham, A. M., Attorney at Law.....Portland

Myron Eells, D. D., Congregational Clergyman.....Skokomish, Wash

Edward B. Watson, A. M., Attorney at Law.....Portland

1867.

John Q. A. Bowlby, A. M., Attorney at Law.....Astoria

J. Elkanah Walker, A. M., Missionary A. B. C. F. M.....China

David Raffety, B. S., M. D., Physician.....East Portland

1868.

Charles C. Hall, A. M., Farmer.....East Portland

Thomas H. Tongue, A. M., Attorney at Law, State Senator.....Hillsboro

1869.

Jacob Hoover, A. M., Banker.....Spokane, Wash

Raleigh Stott, A. M., Attorney at Law.....Portland

Harriet (Hoover) Killin, M. S.....Portland

1870.

Frank L. Stott, A. B., obit, 1873.....Gaston

Addison A. Lindsley, A. B., State Treasurer.....Olympia, Wash

Georgiana (Brown) Bowlby, M. S.....Astoria

Phoebe Irene (Clark) Davis, M. S.....Salem

Candace A. (Neal) Luce, M. S.....Hillsboro

1872.

Henry B. Luce, A. B., Farmer.....Hillsboro

1873.

Levi C. Walker, A. M., Clerk at Siletz Agency.....Siletz

William R. Bilyeu, B. S., Attorney at Law.....Albany

W. D. Lyman, A. M., Prof. of History and of the English

Language and Literature, Whitman College.....Walla Walla

Mary (Goodell) Burt, M. S.....Drain

Sarah I. Lyman, M. S.....East Portland

1874.

Eugene P. McCormack, A. B., Attorney at Law.....Salem

Herbert F. McCormack, A. B., M. D.,.....Dayton, Wash

Willard H. Latourette, B. S., Baptist Clergyman.....Los Gatos, Cal

Jacob G. Stevenson, B. S., Farmer.....Eugene

Dora Hinshaw, M. S.....Crab Creek, Wash

Ella (Scott) Latourette, A. M.....Oregon City

1875.

Hattie (Martin) Vestal, B. S. .... Snohomish, Wash  
S. Belle (Putnam) Walker, M. S. .... Siletz

1876.

Edward M. Atkinson, A. B., Attorney at Law .... Portland  
Hatstara Tamra, A. M., Teacher in Government School .... Osaka, Japan  
James T. Martin, B. S., [M. D. University of Michigan 1883] .... Woodland, Cal  
Agero Nosea, B. S., Educational Office .... Tokio, Japan  
Kin Saito, B. S., [LL. B., University of Michigan 1878]  
Judge of Superior Court .... Hirosima, Japan  
Ella [Watt] Jackson, M. S. .... Pullman, Wash

1877.

William K. Curtis, B. S., Farmer .... Forest Grove  
Charles W. Schaff, B. S., M. D., ....  
Tabitha [Clark] Eberts, M. S., .... Fort Pembina, N. D

1878.

Laura M. [Hoxter] Whalley, A. B. .... Colfax, Wash  
DeWitt Clinton Latourette, A. M., Attorney at Law .... Oregon City  
Horace S. Lyman, A. M., Congregational Clergyman .... East Portland  
Ella [Scott] Latourette, A. M. .... Oregon City  
Milton W. Smith, A. M., Attorney at Law .... Portland  
Mary A. [Cresswell] Eagen, M. S. .... Pendleton  
Mary S. Eaton, M. S., obit, 1882 .... Oswego  
Elvia H. Fearnside, obit, 1879 .... Forest Grove  
Mary J. [Lyman] McCoy, M. S. .... East Portland  
Samuel R. Stott, B. S., Attorney at Law .... Portland

1879.

William N. Barrett, B. S., Attorney at Law, and member of  
State Legislature .... Hillsboro  
Frank M. Beckwith, B. S., Merchant .... Wawawai, Wash

1880.

Newton McCoy, A. B., Attorney at Law .... East Portland

1881.

George W. Coplen, A. B. .... Latah, Wash  
John T. Whalley, A. M., Congregational Clergyman, State  
Senator .... Colfax, Wash  
J. Alfred Watt, B. S., [M. D., University of Michigan 1884] .... Olympia, Wash

1882.

Mitchell Gilliam, A. B., Attorney at Law .... Ellensburg, Wash  
Barnett Y. Roe, A. B., Attorney at Law .... Portland  
Mary Virginia Keene, M. S. .... Fairfield

1883.

Napoleon Davis, A. M., Clerk of Board of School Land Commis-  
sioners .... Salem

Adelaide Poppleton, A. B.	Lafayette
Anna Jackson, M. S., Teacher	Tacoma, Wash
1884.	
Joseph Beek, A. B., Farmer	Medford
1885.	
Marion C. Adams, A. B., Nurseryman	The Dalles
Margaret J. Macrum, B. S., Teacher of Music	Salem
Silas M. Shipley, B. S., [LL. B., University of Oregon 1888]	Seattle, Wash
1886.	
James R. Marsh, A. B., Farmer	Molalla
J. Wheelock Marsh, A. B., Banker's Clerk	Portland
Laura [Marsh] Cadwell, M. S.	Tacoma, Wash
1887.	
William D. Wood, A. B., [M. D., University of Michigan 1890]	Hillsboro
Callie [Campbell] Montgomery, M. S.	Summit
Mary Gray, M. S., obit 1890	Portland
Ethel Gray, M. S.	Portland
Nellie Woods, M. S.	Albina
J. C. Clark, B. S., Photographer	La Grande
1888.	
Estella S. Porter, A. B., obit 1889	Forest Grove
Fred N. Hallett, B. S.	Dilley
Frank W. Hinman, B. S., Merchant	Ellensburg, Wash
Will P. Marsh, B. S., Express Messenger	Los Angeles, Cal
John U. Smith, B. S., [LL. B., University of Oregon 1890]	Portland
1889.	
Mattie E. [Koontz] Smith, B. S.	Portland
Sidney E. Marsh, A. B., Journalist, obit, 1890	Port Townsend
Clay McNamee, B. S., Law Student	Moscow, Idaho
1890.	
William S. Macrum, A. B.	Forest Grove
Gustaf Walter Nelson, A. B.	Kirkland, Wash
Mary Ellen Lee, M. S.	Forest Grove
Lafayette Lincoln Bush	Bay Center, Wash
Alexander Alexander, B. S.	Forest Grove

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## Officers of Alumni Association.

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N. DAVIS, '83, President	Salem
W. K. CURTIS, '77, Vice-President	Forest Grove
N. LEE, '90, Secretary and Treasurer	Forest Grove

# Terms and Vacations, 1890-91.

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The School year, in all departments of the Institution is divided into three terms.

Fall Term opens Wednesday, September 17th, and closes December 23rd.

Winter Term opens Monday, January 5th, closes April 3rd.

Spring Term opens Monday, April 6th, and closes June 17th.

Holiday Vacation, December 24th till January 4th, inclusive.

Summer Vacation begins June 18th.

The year closes at Commencement on Wednesday, June 17th.

Thanksgiving and Decoration days are stated holidays in the Institution.

Special holidays are given during the year at at discretion of the Faculty.

Students may enter their classes at any time, but it is very desirable that they be present at the beginning of the term.

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## Special Notice.

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The Faculty invite and desire the friends, the patrons, the Alumni, and especially the Trustees of the Institution, to visit the school at any time during the year, as they may be able to find their way to Forest Grove.



CATALOGUE  
OF  
PACIFIC UNIVERSITY

1890-1891,

WITH

ANNOUNCEMENTS FOR 1892.

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FOREST GROVE, OREGON.

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PORTLAND, OREGON:  
A. ANDERSON & CO., PRINTERS AND LITHOGRAPHERS,  
1891.





## CALENDAR.

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1891.

Sept. 16, Wednesday.	The Fall Term begins.
Nov. 26-29.	Thanksgiving Recess.
Dec. 8, Tuesday.	Junior and Senior Public Exercises.
Dec. 11, Friday.	The Fall Term ends.
Dec. 14, Monday.	The Winter Term begins.
Dec. 18, Friday.	College Reception.
Dec. 24 to Jan. 4, 1892.	Holiday Recess.

1892.

Jan. 28, Thursday.	Day of Prayer for Colleges.
Mar. 15, Tuesday.	Junior and Senior Public Exercises.
Mar. 16, Wednesday.	The Winter Term ends.
Mar. 21, Monday.	The Spring Term begins.
Mar. 25, Friday.	College Reception.
May (day not fixed).	Field-day.
June 11, Saturday.	Anniversary of the Conservatory of Music.
June 13, Monday.	Exhibition of the Literary Societies.
June 12, Sunday.	{ Baccalaureate Sermon. Address before the Y. P. S. C. E.
June 14, Tuesday.	{ Anniversary Exercises of Academy. Annual Meeting of the Alumni.
June 15, Wednesday.	{ Commencement Exercises. Inauguration of Pres. McClelland. Alumni Dinner. President's Reception. Commencement Concert.
Sept. 7, Wednesday.	The Fall Term begins.
Sept. 9, Friday.	College Reception.
Nov. 24-27,	Thanksgiving Recess.
Dec. 6, Tuesday.	Junior and Senior Public Exercises.
Dec. 9, Friday.	The Fall Term ends.

## TRUSTEES.

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REV. THOS. McCLELLAND, *ex-officio*, *Forest Grove*.  
HON. G. SHINDLER, PRESIDENT.....*Portland*.  
REV. MYRON EELLS, D. D. .... *Union City, Wash.*  
HON. HENRY FAILING.....*Portland*.  
HON. A. HINMAN .....*Forest Grove*.  
E. M. ATKINSON, B. A. .... *Portland*.  
REV. O. DICKINSON.....*Salem*.  
GEO. H. COLLIER, LL. D. .... *Eugene*.  
HON. H. W. CORBETT.... *Portland*.  
HON. R. P. BOISE, LL. D.. ....*Salem*.  
REV. T. E. CLAPP .....*Portland*.

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## FINANCE COMMITTEE.

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PROF. JOS. W. MARSH,  
HON. A. HINMAN,  
E. M. ATKINSON.

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HON. HENRY FAILING .....TREASURER.  
REV. MYRON EELLS, D. D.....SECRETARY.  
E. M. ATKINSON.....ASSISTANT SECRETARY.  
JOS. W. MARSH .....LOCAL TREASURER.

## FACULTY.

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REV. THOS. McCLELLAND, M. A. PRESIDENT.

*Prof. of Mental and Moral Science.*

JOSEPH W. MARSH, PH. D.,

*Professor of Greek and Latin.*

WILLIAM N. FERRIN, M. A.,

*Professor of Mathematics.*

THEODORE WHITTELSEY, B. A.,

*Professor of Chemistry and Physics.*

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*\*Professor of Biology and Geology.*

JAMES R. ROBERTSON, M. A.,

*Principal of the Academy.*

HELEN A. BROOKS, B. L.,

*Principal of the Woman's Department and Instructor in  
English Literature and History.*

WILLIAM P. MARSH, B. S.,

*Tutor.*

BERTHA W. HADLEY,

*Director of the Conservatory and Instructor in  
Piano-forte and Organ.*

HARRIET D. McCLELLAND,

*Instructor in Vocal Music.*

MARTHA FRASER,

*Instructor in Elocution and Art.*

J. M. GARRISON, M. A.,

*Instructor in Penmanship.*

JOSEPH W. MARSH,

*Librarian.*

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\* Supplied for the present year by members of the College Faculty.

## OFFICERS OF THE ASSOCIATE ALUMNI.

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PRESIDENT,

L. L. BUSH, '90 ..... *Bay Center, Wash.*

SECRETARY,

MARY E. PATTON, '91..... *Forest Grove, Or.*

TREASURER,

MARGARET HINMAN, '91..... *Forest Grove, Or.*

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## VISITING COMMITTEE.

Appointed by the Congregational Association of Oregon.

REV. HENRY L. BATES..... *Eugene.*

REV. HENRY V. ROMINGER..... *East Portland.*

C. C. HOGUE..... *Corvallis.*



## GENERAL INFORMATION.

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LOCATION AND SURROUNDINGS.—The College is located at Forest Grove, Oregon, a beautiful and growing town of upwards of 1,000 inhabitants.

It is situated on the Southern Pacific railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location and well-deserved reputation for general good order make Forest Grove a home for students remarkably free from the temptations and dangers often surrounding school life. But those who seek bad company will find it anywhere. The institution does not offer itself as a reformatory for young people who are too wayward for home restraints. It does not desire the attendance of any students who are not industrious and well-disposed. To such as are earnest it offers the advantages of a quiet and orderly community, with all the opportunities of study and mental improvement afforded by a well-established institution and its competent Faculty. A careful record of attendance, deportment and scholarship is kept, and regular quarterly reports are sent to the parents of all minor pupils. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

GROUNDS AND BUILDINGS.—An ample campus of thirty acres, covered in part with a grove of native firs and oaks, and commanding a fine view of the surrounding mountains, forms an invaluable part of the dowry of the institution.

BUILDINGS.—Two plain and substantial buildings of moderate size, each two stories high, afford rooms for library, laboratory, chapel and recitations.

The Ladies' Hall, a large three story building, conveniently arranged, furnishes excellent accommodations for

young women to room and board, and affords table board for a number of young men who room elsewhere.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants. The rooms are heated, and furnished with carpet, study table, stand, mirror, chairs, woven-wire bed with mattress, lamps and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The Hall is conducted so as to afford a well regulated Christian home for young women coming from abroad. The Principal of the Woman's Department makes her home in the building, and has the immediate management of the Hall, assisted by an experienced matron.

It is the intention to keep the price of living at cost. The rates for the present year will be found under the head of expenses.

LABORATORY AND COLLECTIONS.—The Chemical Laboratory has been enlarged and entirely refitted, a supply of apparatus and chemicals having been imported from Germany expressly for the college. The rooms are supplied with desks and tables with appropriate fixtures, balances, and a complete set of assaying apparatus.

The College possesses a geological collection which is made use of in connection with the study of geology and mineralogy.

An herbarium of about 2,000 named species (mostly from this region), belonging to the college, is made use of in connection with the study of botany.

SIGNAL SERVICE STATION.—A station of the State Weather Bureau is established at the University and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service.

The following are some of the instruments at the station : Thermometers, standard, wet and dry bulb, maximum and minimum ; Barograph, a self-registering instrument measuring the pressure of the atmosphere ; rain-gauge, measuring the amount of rainfall ; self-registering wind-gauge, showing the velocity of the wind at every hour of the day.

Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts issued by the government are received at the University by telegraph daily, and the government weather flags indicating the same are displayed from the flagstaff for the information of the public.

**LIBRARY AND READING ROOM.**—The College Library, now numbering 6,000 volumes, offers excellent facilities for reference and special study, and is open to all students daily. These volumes are classified for ready reference, and in some of the more practical departments of knowledge they are very full. The Librarian will gladly assist students to secure the greatest possible advantage from the library.

The reading room, which for the present is in connection with the general assembly room in the Ladies' Hall, is supplied with a well-selected list of the leading magazines and periodicals, together with a number of religious and secular newspapers of different denominations and parties.

**LECTURES.**—Beginning with the winter term of the present year, a course of lectures will be delivered before the students of the institution, on the second Friday evening of each school month, by the members of the Faculty and invited speakers. Occasional lectures are delivered on general habits, methods of study and other important subjects, to the young women by the Principal of the Woman's Department and others.

**LITERARY SOCIETIES.**—There are two of these in the institution ; the Gamma Sigma for gentlemen, and the Philomathean for ladies. These societies are maintained and managed wholly by the students. Membership in them is voluntary. They meet weekly and are the means of devel-

oping and fostering true literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained.

PHYSICAL TRAINING.—By special arrangement with the Forest Grove Athletic Association, its gymnasium will be thrown open free to all students during certain hours daily.

Exercises in the open air and athletic sports are encouraged, and spacious grounds on the college campus afford excellent opportunities for this kind of physical culture.

Thorough training in calisthenic exercises under the direction of an experienced teacher is given to all young women connected with the institution.

ADMISSION.—The advantages of the institution are open to all worthy applicants who are prepared to enter its classes. Satisfactory evidence of good character is required of candidates for admission to any of the departments, and students coming from other colleges must present certificates of honorable dismissal. Any student under sixteen years of age, from out of town, should be committed to the special oversight of some resident of the place whom the Faculty may approve.

EXAMINATIONS.—To enter either Academic Course in full standing, the pupil must be able to pass an examination in Writing, Spelling, Arithmetic through fractions, the rudiments of English Grammar and outlines of Descriptive Geography.

Applicants for admission to the Collegiate courses must be at least fifteen years of age and are required to pass examinations in the studies of the corresponding Academic course, or their equivalents.

For admission to advanced standing, there is required an examination in the studies already passed over by the class which the student wishes to enter, or their equivalents, and also the corresponding advancement in age.

Examinations are held at the close of each term, and in the Collegiate Courses, in addition to these, examinations may be held at the direction of the Faculty at the end of

each year upon any studies of the year, at which all members of the respective classes are expected to be present.

All recitations and examinations are marked on a scale of 10. An average of not less than 7 is required before leaving a study.

A record of attendance, class standing and deportment is kept, and reports are sent each term to parents, guardians or adult pupils.

REGULATIONS.—The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Profanity, the use of intoxicating drinks, gambling, visiting of billiard halls and saloons, attending dancing parties during term-time, and the use of tobacco on or about the college premises, are forbidden.

Students in any department of the institution shall not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

STUDY HOURS, except on Saturday and Sunday, are from 8:45 to 12 A. M.; from 1 to 3 P. M., and from 7 to 9 P. M. After May 1, and on Saturday throughout the year, from 8 to 9 P. M. During these hours and after 9 P. M., students are to be in their rooms unless at school exercises or specially excused.

Non-resident students in special departments are subject to the general rules of the institution.

WOMAN'S DEPARTMENT.—The Woman's Department is not a separate school, but young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies, they recite together. The young women in every department of the institution



are under the supervision of the Principal of the Woman's Department.

**RELIGIOUS EXERCISES.**—The Institution aims to give to its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be attained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church service on Sunday morning. There are several churches of different denominations in the place. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

A Society of Christian Endeavor is maintained by the students, and its prayer meetings, which occur every Tuesday evening, are largely attended.

The work of this society is very helpful in determining the Christian character of this Institution.

**EXPENSES.**—Tuition and other expenses are made as low as possible.

College Tuition, per term .....	\$15.00
Academy Tuition, per term.....	10.00

Each student pays a Library fee of twenty-five cents per term.

The charge for one study is one-half the regular rate of tuition. For more than one study the full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases where they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term may be paid back. Tuition for each term must be paid in advance to Jos. W. Marsh, Local Treasurer.

Each student must exhibit during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that a satisfactory adjustment of them has been made.

BOARD.—Price of room rent and board, including lights and fuel, at the Ladies' Hall for the present is from \$2.50 to \$3.50 per week, according to location and furnishing of room. Table board for young men is \$2.00. Rooms with board, including light and fuel, in private families, is from \$3.00 to \$4.50. Students, whose circumstances require closer economy, can materially reduce the cost of living by forming clubs, they furnishing their own supplies and hiring a cook to prepare meals. A limited number board themselves at a small expenditure of money.

No student is allowed to room at a hotel or public boarding house, except on special permission of the Faculty, or Ladies' Board.

In selecting, or changing boarding places, students must consult the presiding officer of their department, and young ladies boarding themselves must be under the supervision of the lady of the house where they room.

The College desires to encourage self-supporting students, and such are enrolled every year. All possible assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young person, possessed of good health and a determination to secure a college education, need fail in the attempt.

The educational societies assist those in college who are preparing for the Christian ministry.

A limited number of free scholarships are granted to worthy students from funds given for the purpose. Applications for these may be made to the President. Sons and daughters of Home Missionaries are admitted upon payment of one-half tuition.

## DEPARTMENTS OF INSTRUCTION.

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### THE COLLEGE

Includes a Classical Course of four years, and Scientific and Literary Courses of three years each.

#### *Announcements for 1892-1893.*

It is proposed to so expand the Scientific Course that it shall be equivalent in length and value with the Classical Course.

Some important changes will be made in the Literary Course in order to better adapt it to those who do not wish to take the fuller courses.

An English or Normal Course is contemplated, to occupy four years, two of which will be in connection with the Academy and two with the College. All the facilities of the University in the way of Libraries, Lectures, Apparatus, etc., will be open to students of this course, and it is believed that these privileges will be of peculiar value to those who are preparing to teach.

### THE ACADEMY

Includes a Classical Course, a Scientific Course, and a Literary Course, each of three years, preparing for its corresponding College Course.

### SPECIAL STUDENTS.

Students not taking a regular course may pursue such studies as they may select with the approval of the Faculty.

### THE CONSERVATORY OF MUSIC

Offers courses of study from two to four years.

### THE ART DEPARTMENT

Affords thorough instruction in Drawing and Painting.

### ELOCUTION.

All students in the Institution will receive *without extra charge* instruction in Elocution at the hands of a specialist who has had successful experience in this branch of teaching.

## PENMANSHIP.

Special Courses in Penmanship will also be given *without extra charge*.

## DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course ; that of Bachelor of Science upon the graduates of the Scientific Course ; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of \$5.00 for the Collegiate Diploma.

Any Bachelor of Arts wishing to receive the degree of Master of Arts in course, is required to furnish to the Trustees evidence of continued interest and progress in professional or literary pursuits, by presenting either a written thesis or a public oration, before receiving the degree, the subject of the same to be presented to the President at the time of applying for the degree.

# OUTLINES OF COURSES.

## CLASSICAL COURSE.

### FRESHMAN YEAR.

#### FALL TERM

GREEK:—Herodotus, Goodwin's Selections.  
 MATHEMATICS:—Plane Geometry (Wentworth).  
 HISTORY:—Guizot's History of Civilization.  
 RHETORIC:—Essays and Declamations.  
 BIBLE STUDY:—Greek Testament, Gospels.

#### WINTER TERM.

LATIN:—Livy.  
 MATHEMATICS:—Algebra (Wentworth).  
 { FRENCH:—Keetels' French Grammar; or  
 { GERMAN:—  
 RHETORIC:—Essays and Declamations.  
 BIBLE STUDY:—Greek Testament, Gospels.

#### SPRING TERM.

BOTANY:—Wood's *Botanist and Florist*. Field work.  
 MATHEMATICS:—Solid Geometry (Wentworth).  
 { FRENCH:—Telemaque; Theatre de Racine; or  
 { GERMAN:—  
 RHETORIC:—Essays and Declamations.  
 BIBLE STUDY:—Greek Testament, Gospels.

### SOPHOMORE YEAR.

#### FALL TERM.

LATIN:—Tacitus, Germania and Agricola.  
 MATHEMATICS:—Trigonometry and Surveying (Olney).  
 Field work.  
 PHYSIOLOGY:—Martin's *The Human Body*.  
 RHETORIC:—Essays and Orations.  
 BIBLE STUDY:—Greek Testament, Gospels.



## WINTER TERM.

GREEK:—Homer, *Iliad* (two books).

MATHEMATICS:—Analytical Geometry (Wentworth).

ZOOLOGY:—Packard's Zoology.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Greek Testament, Gospels.

## SPRING TERM.

GREEK:—Thucydides, Goodwin's Selections.

MATHEMATICS:—Calculus (Taylor).

ENGLISH LITERATURE:—Text book. Lectures. Collateral reading.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Greek Testament, Gospels.

ELOCUTION:—*Voice Culture* throughout Freshman and Sophomore years, two hours per week.

## JUNIOR YEAR.

## FALL TERM.

LATIN:—Horace, Selected Odes and Satires; *Ars Poetica*.

MECHANICS:—Olmsted's Revised Mechanics.

CHEMISTRY:—Harris' Non-metals. Lectures. Laboratory work.

BIBLE STUDY:—Greek Testament, Acts or Epistles.

## WINTER TERM.

GREEK:—Plato, *Apology*. Sophocles, *Antigone*.

PHYSICS:—Olmsted's Revised College Philosophy.

CHEMISTRY:—Laboratory work. Lectures.

BIBLE STUDY:—Greek Testament, Acts or Epistles.

## SPRING TERM.

LATIN:—Quintilian, Selections.

ASTRONOMY:—Olmsted's Revised Astronomy.

GEOLOGY AND MINERALOGY:—Le Conte's Manual. Laboratory work.

BIBLE STUDY:—Greek Testament, Acts or Epistles.

## SENIOR YEAR.

## FALL TERM.

LOGIC:—Jevon's *Hill's Elements of Logic*.

PSYCHOLOGY:—Six Introductory Lectures.

RHETORIC:—Bascom's *Philosophy of Rhetoric*.

BIBLE STUDY:—Greek Testament, Acts or Epistles.

## WINTER TERM.

PSYCHOLOGY:—Hopkins' *Outline Study of Man*.

ETHICS:—Hopkins' *The Law of Love and Love as Law*.

CONSTITUTIONAL HISTORY:—Bryce's *American Commonwealth*.

BIBLE STUDY:—Greek Testament, Acts or Epistles.

## SPRING TERM.

EVIDENCES OF CHRISTIANITY:—Hopkins.

POLITICAL SCIENCE:—Chapin's *Wayland's Political Economy*.

HISTORY OF PHILOSOPHY:—Schwegler.

BIBLE STUDY:—Greek Testament, Acts or Epistles.

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 SCIENTIFIC COURSE.

## FIRST YEAR

## FALL TERM.

LATIN:—Cicero, Orations.

MATHEMATICS:—Plane Geometry (Wentworth).

PHYSIOLOGY:—Martin's *The Human Body*.

RHETORIC:—Essays and Declamations.

BIBLE STUDY:—Latin Testament, Gospels.

## WINTER TERM.

MATHEMATICS:—Algebra (Wentworth).

ZOOLOGY:—Packard's *Zoology*.

LATIN:—Cicero, Orations.

## OR

FRENCH:—Keetels' *French Grammar*.

RHETORIC:—Essays and Declamations.

BIBLE STUDY:—Latin Testament, Gospels.

## SPRING TERM.

MATHEMATICS:—Solid Geometry (Wentworth).

BOTANY:—Wood's *Botanist and Florist*. Field work.

LATIN:—Virgil's *Aeneid*.

OR

FRENCH:—Telemaque, Theatre de Racine.

RHETORIC:—Essays and Declamations.

BIBLE STUDY:—Latin Testament, Gospels.

## SECOND YEAR.

## FALL TERM.

MATHEMATICS:—Trigonometry and Surveying (Olney).  
Field work.

HISTORY:—Guizot's History of Civilization.

CHEMISTRY:—Harris' Non-metals. Lectures. Laboratory work.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Latin Testament, Gospels.

## WINTER TERM.

MATHEMATICS:—Analytical Geometry (Wentworth).

CONSTITUTIONAL HISTORY:—Bryce's *American Commonwealth*.

CHEMISTRY:—Laboratory work. Lectures.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Latin Testament, Gospels.

## SPRING TERM.

MATHEMATICS:—Calculus (Taylor).

ENGLISH LITERATURE:—Text book. Lectures. Collateral reading.

GEOLOGY AND MINERALOGY:—Le Conte's Manual. Laboratory work.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Latin Testament, Gospels.

ELOCUTION:—*Voice Culture* throughout First and Second years, two hours per week.

## THIRD YEAR.

## FALL TERM.

MECHANICS:—Olmsted's Revised Mechanics.

LOGIC:—Jevon's Hill's Elements of Logic.

PSYCHOLOGY:—Six Introductory Lectures.

RHETORIC:—Bascom's *Philosophy of Rhetoric*.

BIBLE STUDY:—Latin Testament, Acts of the Apostles.

## WINTER TERM.

PSYCHOLOGY:—Hopkins' *Outline Study of Man*.

ETHICS:—Hopkins' *The Law of Love, and Love as a Law*.

PHYSICS:—Olmsted's Revised College Philosophy.

BIBLE STUDY:—Latin Testament, Acts or Epistles.

## SPRING TERM.

EVIDENCES OF CHRISTIANITY:—Hopkins.

POLITICAL SCIENCE:—Chapin's Wayland's Political Economy.

ASTRONOMY:—Olmsted's Revised Astronomy.

BIBLE STUDY:—Latin Testament, Acts or Epistles.

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LITERARY COURSE.

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FIRST YEAR.

## FALL TERM.

MATHEMATICS:—Plane Geometry (Wentworth).

LATIN:—Cicero, Orations.

PHYSIOLOGY:—Martin's *The Human Body*.

RHETORIC:—Essays and Declamations.

BIBLE STUDY:—Latin Testament, Gospels.

## WINTER TERM.

MATHEMATICS:—Algebra (Wentworth).

LATIN:—Cicero, Orations.

ZOOLOGY:—Packard's Zoology.

RHETORIC:—Essays and Declamations.

BIBLE STUDY:—Latin Testament, Gospels.

## SPRING TERM.

MATHEMATICS:—Solid Geometry (Wentworth).

LATIN:—Vergil, *Æneid*.

BOTANY:—Wood's *Botanist and Florist*. Field work.

RHETORIC:—Essays and Declamations.

BIBLE STUDY:—Latin Testaments, Gospels.

## SECOND YEAR.

## FALL TERM.

MATHEMATICS:—Olney's Trigonometry.

HISTORY:—Guizot's History of Civilization.

CHEMISTRY:—Harris' Non-metals. Lectures. Laboratory work.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Latin Testament, Gospels.

## WINTER TERM.

{ FRENCH:—Keetels' French Grammar ; or

{ GERMAN:—

CHEMISTRY:—Laboratory Work. Lectures.

{ LATIN:—Livy ; or

{ PEDAGOGICS:—Lectures and Text-book.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Latin Testament, Gospels.

## SPRING TERM.

{ FRENCH:—Telemaque, Theatre de Racine ; or

{ GERMAN:—

ENGLISH LITERATURE:—Text-book. Lectures. Col-lateral reading.

GEOLOGY AND MINERALOGY:—Le Conte's Manual. Lab-oratory work.

RHETORIC:—Essays and Orations.

BIBLE STUDY:—Latin Testament, Gospels.

ELOCUTION:—*Voice Culture* throughout First and Second years, two hours per week.



## THIRD YEAR.

## FALL TERM.

LATIN:—Horace, selected Odes and *Ars Poetica*.

LOGIC—Jevon's Hill's Elements of Logic.

PSYCHOLOGY:—Six Introductory Lectures.

RHETORIC:—Bascom's *Philosophy of Rhetoric*.

BIBLE STUDY:—Latin Testament, Acts or Epistles.

## WINTER TERM.

PSYCHOLOGY:—Hopkins' *Outline Study of Man*.

ETHICS—Hopkins' *The Law of Love and Love as a Law*.

CONSTITUTIONAL HISTORY—Bryce's *American Commonwealth*.

BIBLE STUDY:—Latin Testament, Acts or Epistles.

## SPRING TERM.

LATIN—Quintilian, Selections.

EVIDENCES OF CHRISTIANITY:—Hopkins.

POLITICAL SCIENCE:—Chapin's Wayland's Political Economy.

BIBLE STUDY:—Latin Testament, Acts or Epistles.

NOTE.—Bible study occupies one hour a week. All other studies occupy five hours a week, with the exception of laboratory work, to which from eight to twelve hours are given.

## METHODS OF INSTRUCTION.

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GREEK AND LATIN.

PROF. MARSH :

A classical education consists not merely in a knowledge of Latin and Greek, but in mastering such a connected series of studies as shall give a general survey of the whole field of knowledge and form a secure and permanent foundation for special studies in any line, not cultivating or allowing narrowness, but appreciating knowledge of all kinds at its true value and helping each individual to form a correct estimate of his own attainments, capabilities and limitations.

As an essential part of this education, the study of the Latin and Greek languages is of great importance in giving a mental discipline which is of great and peculiar value ; in multiplying our stock of ideas ; in enabling us to understand better our own language, and in making us acquainted with a fine body of literature.

Late changes in the relative position of the sciences, and in the proportionate value of our literature, has made it proper to give more time to other branches of study and to afford scope to individual tendencies by election of studies in the more advanced part of a course, but has not disproved the importance of these branches, nor diminished their value in producing breadth of view and clearness of thought.

In view of these facts our plan includes, as nearly as the circumstances admit, the amount of those studies usually pursued in Preparatory and Collegiate Courses, assigning to the full Collegiate Course a larger amount than to the others, but retaining in all enough Latin to serve most important purposes.

The methods of instruction are thorough and at the same time the work is enlivened by connecting it with late investigations and practical questions.

## MATHEMATICS.

PROF. FERRIN :

The object of the study of Mathematics is conceived to be :

(1) To cultivate in the student habits of clear and exact

thinking and logical reasoning, together with the ability to state clearly and precisely his own convictions, and the grounds of them; (2) to present the fundamental relations of number and space, and the most suitable methods of applying them to the discussion of scientific and practical questions.

In the College Courses, the mathematical work is as follows: The First Term of Freshman year is given to Plane Geometry; the Second Term to Higher Algebra, taking up the study at the point reached in the last year of the Academy Course; the Third Term is devoted to Solid and Spherical Geometry. The text-books used during this year are Wentworth's.

In Geometry, considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

The First Term of Sophomore year is given to Trigonometry, Plane and Spherical (Olney's), with about three weeks of practical work in plane Surveying, sufficient to enable the student to use the compass and chain in computing areas and performing the work required in ordinary farm surveys.

Analytical Geometry is taken up in the Second Term, and Calculus in the Third Term of this year. While the time devoted to these studies is necessarily short, the design is to give to the student such a knowledge of them that he shall understand, in a measure, their practical use in the investigations of abstruse scientific problems.

The work here outlined is required in the Classical and Scientific Courses. In the Literary Course, the work required ends with Trigonometry.

#### APPLIED MATHEMATICS.

In the Junior Year of the Classical and Scientific Courses the study of the application of Mathematics to the Physical Sciences comprises a Course extending through the year.

##### *Mechanics.*

Is taken up in the Fall Term, and is given as full and rigorous a treatment as the time will allow.

*Physics.*

Is taken up by the class in the Second Term. The work includes the treatment, mathematically and experimentally, by text-book and illustrative apparatus, of the different subjects of Physics, viz.: Optics, acoustics, heat, electricity, etc.

*Astronomy.*

In the Third Term is taught with a view to establish and demonstrate the fundamental principles of the science, and to give the student a knowledge of the methods by which its investigations have been pursued.

## CHEMISTRY.

PROF. WHITTELSEY:

This department is now thoroughly equipped, as regards both space and apparatus, for the satisfactory pursuit of the course offered.

The work for the year 1891-1892 extends over two terms, exercises taking place five times per week.

In the first term, after a brief discussion of chemical theory, the study of the non-metals is taken up. Instruction is given by lectures and text-book, and each student is required to perform a series of illustrative experiments in the laboratory.

The Second Term is devoted chiefly to laboratory work in Qualitative Analysis. An experimental knowledge of the reactions of the bases and acids is first acquired, after which single and mixed substances are presented to the student for identification, a gradual advance being made from simple to more complex compounds. In connection with this work the study of the metals will be conducted by lectures and recitations from a text-book.

The object of laboratory work in the non-metals is the facilitation of the study of the subject, the training in manipulation, and in the observation of chemical phenomena. The more advanced work is valuable in affording a knowledge of chemical reactions and the properties of chemical

compounds ; but its chief value lies in the development of the reasoning powers in the application of such knowledge in analytical processes. The course is planned with this end in view. All laboratory work is performed under the personal supervision of the professor, and each student is questioned daily on his work.

### NATURAL HISTORY.

PROF. WHITTELSEY :

#### PHYSIOLOGY.

*The Human Body*, by Prof. Martin, of John Hopkins University, is used as a text-book. The instruction is aided by the use of the skeleton, anatomical chart and occasional dissection.

#### ZOOLOGY.

This study covers one term, five exercises per week. A preliminary knowledge of human anatomy is required. Packard's *Zoology* is used as a text-book, and Colton's *Practical Zoology* as a guide in laboratory work.

#### GEOLOGY AND MINERALOGY.

This study is open to those who have taken the course in Chemistry. Le Conte's *Elements* is used as a text-book, frequent reference being made to typical specimens. A portion of the term is given to the determination of minerals by means of the blowpipe.

#### BOTANY.

PROF. MARSH :

Wood's *Botanist and Florist* is used as a text-book, reference being had also to the Botany of California by Watson. Each student is required to analyze and write descriptions of specimens of plants, collecting and mounting the same. The College Herbarium is used in connection with the study.

### POLITICAL SCIENCE.

PRESIDENT M'CLELLAND :

#### CONSTITUTIONAL HISTORY.

This Course is open to Seniors in Winter Term. Bryce's *American Commonwealth* is made the basis of study.



## POLITICAL ECONOMY.

This subject is pursued during the Spring Term of the Senior year by means of text-books, lectures and class discussion, carried on by members of the class on assigned topics in practical economics.

## MENTAL AND MORAL SCIENCE.

PRESIDENT M'CLELLAND :

## PSYCHOLOGY.

The study of this subject is taken up during the Fall Term of the last year of the regular College courses and continues through the Winter Term. Its principles are taught by means of text-books and lectures. Essays are required upon appointed themes, and a course of select reading is marked out and required. The text-books at present in use are Hopkins, Porter and Ladd.

## LOGIC.

The study of Logic is pursued during the Fall Term of the last year of the regular College courses. Frequent exercises in argumentation and the application of the principles of the Science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Jevons' Logic as recast by Hill is the text-book used.

## MORAL SCIENCE AND EVIDENCES.

These subjects are taught by means of text-books and class discussions, with due consideration of the current phases of thought. Hopkins' *Evidences* and Wright's *Logic of Christian Evidences* are made the basis of the study of Evidences. Hopkins' and Fairchild's *Moral Philosophies* are made the basis of the study of Ethics.

## HISTORY OF PHILOSOPHY.

A course in this subject is open to the Seniors during the Spring term. The text-book in use is Schwegler's *History of Philosophy*.

## ENGLISH LANGUAGE AND LITERATURE.

MISS BROOKS :

This subject includes, first, the study of the origin and growth of the English language ; second, Rhetoric, or the study of the art of effective expression ; third, the study of the literature of the English language.

The origin and growth of the language is taught by means of lectures.

In the study of the art of expression, Genung's *Rhetoric* and *Rhetorical Analysis* are used as text-books. Frequent exercises in English composition and in the delivery of original speeches, are required throughout the courses. An historical outline of English Literature is given by means of text-books and lectures. A study of Chaucer and the leading Elizabethan and later writers is pursued, under the direction of the teacher.

## THE CONSERVATORY OF MUSIC.

BERTHA W. HADLEY, DIRECTOR :

The Musical Department is under the same general management with the other departments, and is under the immediate charge of the Director of the Conservatory and assistant teachers.

The Director, having received a musical education in the best conservatories of this country and Germany, aims to make this department accord with the methods and general plan of the best European conservatories.

## THE COURSE OF STUDY

Is planned with regard to the thorough and symmetrical development of the musical faculties. It includes a thorough course in Harmony and Composition, and provides for the acquirement of a high degree of proficiency in two of the following branches: Piano-Forte, Singing and Organ.

The time necessary for the completion of the course cannot be definitely given, as it depends on the previous training, ability, and application of the pupil. Usually from two

to four years are required. Public and private rehearsals in which both pupils and teachers take part are frequently given.

#### DIPLOMAS

Are awarded by the Trustees of the University to students who have satisfactorily completed the Conservatory Course.

A choral class for beginners will be formed, for which a nominal fee will be charged. Those sufficiently advanced will have an opportunity to join the choir or the Musical Union, where nothing but the highest order of sacred and secular music is used.

Pupils may make special arrangements with the Director for hours of piano practice.

Those who do not wish to purchase music may have access to the Musical Library by the payment of a small fee.

#### TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (piano or organ) per term of 24 lessons (one half hour each).....	\$15.00
Private Vocal Lessons, per term of 24 lessons (one half hour each) .....	15.00
Class Lessons (two in a class) of three quarters of an hour each .....	10.00
Harmony, per term.....	5.00
Rent of piano, for two hour's practice a day, per month .....	1.00
Rent of music from Musical Library per term, from .75 to 1.50	

#### THE ACADEMY.

JAMES R. ROBERTSON, PRINCIPAL :

The Academy is under the immediate charge of the Principal and his assistants. The College Faculty have general direction respecting the course of study and discipline.

Its principal aim is to give thorough preparation for the college courses. Provision is also made for those who do not intend to take a college course, but wish to pursue only the common English branches.

To enter either Academic Course in full standing, the pupil must be able to pass an examination in Writing,

Spelling, Arithmetic, through fractions, the rudiments of English Grammar and outlines of Descriptive Geography.

For admission to advanced standing, the student must give satisfactory evidence that he has completed the work passed over by the class to be entered, or its equivalent.

Students entering for the winter term will present themselves before the Principal, Monday morning, December 14th.

It is desired and advised that students begin their studies in the Fall Term and enter one of the regular courses.

The discipline of the Academy aims to develop, under watchful oversight, the moral character and personal responsibility of the student, and no one whose influence is injurious or fails to show a disposition to work, is permitted to remain.

In order to insure the time necessary for the preparation of lessons and to encourage habits of method, an observance of the following study hours is required.

8:45 to 12 A. M.	}	On all days except Saturday and Sunday.
1 to 3 P. M.		
7 to 9 P. M.		
8 to 9 P. M.		

After May 1, and on Saturdays throughout the year.

A record of the work of each pupil is kept, and at the close of each term a report is sent to the parent or guardian.

All recitations and examinations are marked on a scale of 10, and a student fails to pass in a study if his average falls below 7.

Students cannot take up, drop, or exchange studies without the permission of the Principal.

## CLASSICAL COURSE.

## FIRST YEAR.

*First Term* :—Arithmetic, Descriptive Geography, Latin.

*Second Term* :—Arithmetic, U. S. History, Latin.

*Third Term* :—Arithmetic, Mental Arithmetic, Latin.

## SECOND YEAR.

*First Term* :—English Grammar, General History, Caesar.

*Second Term* :—Physical Geography, General History, Caesar.

*Third Term* :—English Composition, English History, Greek.

## THIRD YEAR.

*First Term*—Algebra, Cicero, Greek.

*Second Term* :—Algebra, Cicero, Greek.

*Third Term* :—Algebra, Vergil, Anabasis.

## SCIENTIFIC AND LITERARY COURSE.

## FIRST YEAR.

*First Term* :—Arithmetic, English Grammar, Descriptive Geography.

*Second Term* :—Arithmetic, English Grammar, U. S. History.

*Third Term* :—Arithmetic, English Grammar, Book-keeping.

## SECOND YEAR.

*First Term* :—Mental Arithmetic, General History, Latin, Book-keeping.

*Second Term* :—Physical Geography, General History, Latin.

*Third Term* :—English Composition, English History, Latin.



## THIRD YEAR.

*First Term*.—Algebra, Natural Philosophy, Caesar.

*Second Term*.—Algebra, French or German, Caesar.

*Third Term*.—Algebra, French or German, Astronomy.

*Bible Study* occupies one hour a week throughout the course.

*Reading and Voice Culture, Spelling and Rhetorical Exercises* will be required through these courses.

At the discretion of the Faculty, classes may be formed for students not fitted for the above courses.

In order that the work of the Academy may be seen more in detail the following statement is added to the outline given above :

## LATIN AND GREEK.

The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading three books of Cæsar, four orations of Cicero, two books of Vergil's *Æneid*, and one book of Xenophon's *Anabasis*, accompanied by more advanced work in Grammar and by Prose Composition. During the last two terms of the course, one hour a week is devoted to Roman and Greek Literature.

## TEXT-BOOKS.

Collar & Daniel's Latin Book for Beginners.

Allen & Greenough's Latin Grammar.

Allen & Greenough's Preparatory Course in Latin Prose.

Any good edition of Vergil.

Goodwin's Greek Grammar.

Goodwin's Greek Selections.

Leighton's Greek Lessons.

Botta's Hand-book of Universal Literature.

## MATHEMATICS.

The course includes three terms in Algebra in the third year. The work of the first term is to Fractions ; of the second, to Involution, and of the third, to Simple Indeterminate Equations.

## TEXT-BOOK.

Wentworth's Elements of Algebra.

## SCIENCE.

Elementary courses are given in Natural Philosophy and Astronomy.

## TEXT-BOOKS.

Avery's First Principles of Natural Philosophy.

Young's Lessons in Astronomy.

## HISTORY.

United States History is taken up in the winter term of the first year.

General History occupies two terms of the second year. The fall term is devoted to Ancient History to the fall of the Roman Empire ; the winter term to the history of the Middle Ages and of modern times. The third term of the second year is devoted to a general survey of English history.

## TEXT-BOOKS.

Higginson's United States History.

Barnes' General History.

Montgomery's History of England.

## ENGLISH.

A text-book course in English Composition is given during the third term of the second year. Practical work in writing essays and public speaking extends throughout the course.

## TEXT BOOK.

Hart's English Composition.

## BOOK-KEEPING.

A course in Book-keeping is given in the third term of the first year, and the first term of the second year. This meets the wants of pupils who need this study and at the same time wish a more thorough general course than can be secured at a business college. The work in this line is practical and will give a thorough understanding of single and double entry book-keeping. Attention is also given to business forms in general.

## TEXT-BOOK.

The New Bryant & Stratton Common School Book-keeping.

## COMMON ENGLISH BRANCHES.

Great pains are taken to give thorough instruction in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Physical Geography, Reading, Spelling and Penmanship.

## TEXT-BOOKS.

Fish's Arithmetic, No. 2.  
Brooks' Mental Arithmetic.  
Monteith's Comprehensive Geography.  
Westlake's 3,000 Test Words.  
Watson's Complete Speller.  
Brown's English Grammar, with Lectures.  
Houston's Physical Geography.

## BIBLE STUDY.

The subject for the first year's work is the Old Testament history; for the second year, the life of Christ, and the life and work of St. Paul; for the third year, a general outline study of the whole Bible.

## CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to college.

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For information concerning expenses in the Academy, see General Information.

## STUDENTS IN COLLEGIATE DEPARTMENT

1890-1891.

## CLASSICAL COURSE.

## SENIOR CLASS.

Lee, John A.....Whatcom, Wash.  
 Patton, Mary E. .... Forest Grove.

## JUNIOR CLASS.

Sedgwick, Belle.....Forest Grove.  
 Whitten, Fred C. .... Newport.

## SOPHOMORE CLASS.

Bond, Austin E.....Forest Grove.  
 Smith, Fred .....Forest Grove.  
 Stewart, Horace .....Forest Grove.  
 Stewart, Loring.....Forest Grove.

## FRESHMAN CLASS.

Millar, John W. H.....Farmington.  
 Adams, T. H.....Carrollton, Wash.

## SCIENTIFIC COURSE.

## THIRD YEAR.

Bates, William A.....Gaston.  
 Caples, Jesse R. ....Forest Grove.  
 Hodgins, John S. ....Gold Beach.  
 Snider, Asa B.....Lyle, Wash.

## SECOND YEAR.

Ball, Henry A.....Tualatin.  
 Naylor, Edward L.....Forest Grove.  
 Patton, Pem.....Gaston.

## FIRST YEAR.

Bisbee, Ruel.....Forest Grove.  
 Buxton, Austin T.....Forest Grove.  
 Gordon, William S.....Forest Grove.  
 Macrum, John W.....Forest Grove.

## LITERARY COURSE.

## THIRD YEAR.

Hinman, Margaret.....Forest Grove.

## SECOND YEAR.

Bond, William.....Forest Grove.

Merges, Ernest E.....Portland.

## FIRST YEAR.

Anson, Margaret.....La Grande.

Bates, Mary A.....Gaston.

Lee, Cora.....Whatcom, Wash.

Morrison, Nannie.....Monkland.

Stewart, Emma.....Forest Grove.

Total 29.

## STUDENTS IN ACADEMIC DEPARTMENT.

1890-1891.

## SENIOR CLASS.

Craig, William.....Farmington.

Dobbin, Hettie.....Union.

Gordon, Ella.....Forest Grove.

Grandy, Mabel.....La Grande.

James, Sarah.....Hillsboro.

Marsh, David W.....Forest Grove.

McKercher, Florence.....Portland.

McWhirter, May.....La Grande.

Morrison, Margaret.....Monkland.

Robb, William.....Forest Grove.

Shiach, William S.....Kirkland, Wash.

Thomas, Dwight H.....Forest Grove.

Total, 12.

## MIDDLE CLASS.

Adams, Agnes.....Forest Grove.

Bailey, John W.....Hillsboro.

Beal, John.....Forest Grove.



Bond, Harry.....	Forest Grove.
Boone, Nellie.....	Napavine, Wash.
Bradley, Charles E.....	Greenville.
Brewer, Grant.....	Lexington.
Bush, Benjamin K.....	Bay Center, Wash.
Church, Anna.....	Kirkland, Wash.
Duncan, Gertrude.....	Kirkland, Wash.
Ellis, Carl.....	Forest Grove.
Gordon, William W.....	Portland.
James, Helen.....	Hillsboro.
Koontz, Nettie.....	Napavine, Wash.
Marsh, Fred.....	Forest Grove.
Millar, Winnie.....	Farmington.
Powell, Frank.....	Gales Creek.
Roe, Anna.....	Forest Grove.
Smith, Lizzie.....	Forest Grove.
Total 19.	

## JUNIOR CLASS.

Adams, Mary M.....	Carrollton, Wash.
Anderson, Ida.....	Farmington.
Asano, Sugejiro.....	Tokio, Japan.
Baber, Liverne.....	Forest Grove.
Bateman, Nina E.....	Fir.
Beal, Ora.....	Forest Grove.
Buchanan, John.....	Cornelius.
Clapshaw, Edith.....	Gales Creek.
Clark, Belle.....	Forest Grove.
Cornelius, Benjamin.....	Centerville.
Davis, Daisy.....	Chehalis, Wash.
Dinsmore, Ida E.....	Salem.
Elliott, Edward B.....	Glencoe.
Ellis, Arthur B.....	Forest Grove.
Ellis, Cora Maud.....	Forest Grove.
Fordney, Mary.....	Forest Grove.
Fordney, Perry.....	Forest Grove.
Gerrish, Rosa.....	Forest Grove.
Gleason, Lorena.....	Forest Grove.
Harrison, John P.....	Mountaindale.

Hartley, Harvey H.....	Greenville.
Hunter, Edna .....	Island City.
Hughes, Elvia.....	Forest Grove.
Jackson, Nellie .....	Hillsboro.
Jeffs, Alexander .....	Pialschie, Wash.
Johnson, Lyda.....	Forest Grove.
Johnson, Maud .....	Forest Grove.
Johnson, Myrtle .....	Forest Grove.
Johnstone, Bert.....	Gaston.
Luce, Ruhama B .....	John Day.
Merchant, Henry .....	North Yamhill.
Morrison, Thomas .....	Monkland.
Myers, Anna .....	Forest Grove.
Myers, Rebecca .....	Forest Grove.
Parker, Arthur .....	Forest Grove.
Ranes, Nettie.....	Gales Creek.
Russell, Frank.....	Gaston.
Russell, George W.....	Gaston.
Russell, Minnie.....	Gaston.
Simpson, Frank .....	Farmington.
Simpson, Hettie .....	Farmington.
Smith, Carrie.....	Forest Grove.
Spangler, James W. ....	Forest Grove.
Thomas, Arthur E .....	Forest Grove.
Thomas, Ida.....	Forest Grove.
Watts, Hattie.....	Portland.
Wells, Emma.....	Forest Grove.
Total 47.	

## PREPARATORY CLASS.

Abrams, Harry .....	Portland.
Cheyne, John.....	Wardner, Idaho.
Clapshaw, Mosier .....	Gales Creek.
De Roos, Charles .....	Bay Center, Wash.
Fisher, Harry .....	North Cove, Wash.
Gleason, Leonard .....	Forest Grove.
Henderson, Orlie .....	Forest Grove.
Jerome, Luella.....	Forest Grove.
Jones, Eva A.....	Portland.

Kaser, Loren .....	Albina.
Marsh, Winnie .....	Forest Grove.
Millar, Lulu G. ....	Farmington.
Taira, Yutaka .....	Japan.
Waters, Eva E. ....	Forest Grove.
Total 14.	

## STUDENTS IN CONSERVATORY OF MUSIC.

1890-1891.

## INSTRUMENTAL.

Anson, Margaret.....	La Grande.
Bates, Mary Anna.....	Gaston.
Boos, Lena.....	Forest Grove.
Burt, Jennie.....	Forest Grove.
Garrison, Blanche.....	Forest Grove.
Gleason, Myrtle.....	Forest Grove.
Henderson, Daisy.....	Forest Grove.
Hudson, Mrs. Charles.....	Gaston.
Hughes, Elvia.....	Forest Grove.
Hutch, Minnie.....	Forest Grove.
Jackson, Nellie .....	Hillsboro.
Kaser, Minta .....	Albina.
Keene, Lucy.....	Forest Grove.
Lee, Cora.....	Whatcom, Wash.
Luce, Ruhama B.....	John Day.
McDonald, Anna.....	Forest Grove.
McWhirter, May.....	La Grande.
Porter, Nellie.....	Forest Grove.
Rogers, May.....	Forest Grove.
Smith, Lizzie.....	Forest Grove.
Stewart, Emma.....	Forest Grove.
Warren, Zula.....	Hillsboro.
Total, 22.	

## VOCAL.

Bush, Benjamin K.....	Bay Center, Wash.
Burt, Jennie.....	Forest Grove.

Gleason, Myrtle .....	Forest Grove.
Hudson, Mrs. Charles.....	Gaston.
Lee, Cora .....	Whatcom, Wash.
McWhirter, May.....	La Grande.
Stewart, Emma....	Forest Grove.
Wilkes, Elsie.....	Greenville.
Total, 8.	
Different students in conservatory, 24.	

## SUMMARY.

Number of students in College .....	29
Number of students in Academy.....	92
Number of students in Conservatory ...	24
<hr/>	
Total.....	145
Deduct number counted twice.....	10
<hr/>	
Total number different students.....	135

## ALUMNI.

1863.

Harvey W. Scott, A. M., Editor-in-Chief Oregonian.....Portland.

1866.

George H. Durham, A. M., Attorney at Law...Portland.  
 Myron Eells, D. D., Congregational Clergyman Union City, Wash.  
 Edward B. Watson, A. M., Attorney at Law...Portland.

1867.

John Q. A. Bowlby, A. M., Attorney at Law...Astoria.  
 J. Elkanah Walker, A. M., Missionary A. B.  
     C. F. M.....Foochow, China.  
 David Raffety, B. S., M. D., Physician . . . . . East Portland.

1868.

Charles C. Hall, A. M., Farmer.....East Portland.  
 Thomas H. Tongue, A. M., Attorney at Law,  
     State Senator.....Hillsboro.

1869.

Jacob Hoover, A. M., Banker.....Spokane, Wash.  
 Raleigh Stott, A. M., Attorney at Law . . . . . Portland.  
 Harriet (Hoover) Killin, M. S.....Portland.

1870.

Frank L. Stott, A. B., obit, 1873 . . . . . Gaston.  
 Addison A. Lindsley, A. B., State Treasurer...Olympia, Wash.  
 Georgiana (Brown) Bowlby, M. S.....Astoria.  
 Phoebe Irene (Clark) Davis, M. S.....Salem.  
 Candace A. (Neal) Luce, M. S.. . . . . Hillsboro.

1872.

Henry B. Luce, A. B., Farmer.....Hillsboro.

1873.

Levi C. Walker, A. M., Clerk at Siletz Agency Siletz.  
 William R. Bilyeu, B. S., Attorney at Law...Albany.  
 W. D. Lyman, A. M., Prof. of History and of  
     the English Language and Literature,  
     Whitman College.....Walla Walla, Wash.  
 Mary (Goodell) Burt, M. S. . . . . . Drain.  
 Sarah I. Lyman, M. S.....East Portland.



## 1874.

Eugene P. McCornack, A. B., Attorney at Law. Salem.  
 Herbert F. McCornack, A. B., M. D. . . . . Dayton, Wash.  
 Willard H. Latourette, B. S., Baptist General  
     Missionary . . . . . Alameda, Cal.  
 Jacob G. Stevenson, B. S., Farmer. . . . . Eugene.  
 Dora Hinshaw, M. S. . . . . Black Diamond, Wash.  
 Ella (Scott) Latourette, A. M. . . . . Oregon City.

## 1875.

Hattie (Martin) Vestal, B. S. . . . . Snohomish, Wash.  
 S. Belle (Putnam) Walker, M. S. . . . . Siletz.

## 1876.

Edward M. Atkinson, A. B., Attorney at Law. Portland.  
 Hatstara Tamra, A. M., Teacher in Govern-  
     ment School . . . . . Osaka, Japan.  
 James T. Martin, B. S., (M. D., University of  
     Michigan, 1883) . . . . . Woodland, Cal.  
 Yei Nosea, A. M., Education Office. . . . . Tokio, Japan.  
 Kin Saito, B. S., (LL. B., University of Michi-  
     gan, 1878) Judge of Superior Court. . . . . Hirosima, Japan.  
 Ella (Watt) Jackson, M. S. . . . . Pullman, Wash.

## 1877.

William K. Curtis, B. S., Farmer. . . . . Dayton.  
 Charles W. Schaff, B. S., M. D. . . . . Lewiston, Idaho.  
 Tabitha (Clark) Eberts, M. S. . . . .

## 1878.

Laura M. (Hoxter) Whalley, A. B. . . . . East Portland.  
 DeWitt Clinton Latourette, A. M., Attorney  
     at Law . . . . . Oregon City.  
 Horace S. Lyman, A. M., Congregational  
     Clergyman . . . . . Skipanon.  
 Ella (Scott) Latourette, A. M. . . . . Oregon City.  
 Milton W. Smith, A. M., Attorney at Law. . . . . Portland.  
 Mary A. (Cresswell) Eagen, M. S. . . . . Pendleton.  
 Mary S. Eaton, M. S., obit, 1882. . . . . Oswego.  
 Elvia H. Fearnside, obit, 1879. . . . . Forest Grove.  
 Mary J. (Lyman) McCoy, M. S. . . . . East Portland.  
 Samuel R. Stott, B. S., Attorney at Law. . . . . Portland.

1879.

William N. Barrett, B. S., Attorney at Law, and  
member of State Legislature. . . . Hillsboro.  
Frank M. Beckwith, B. S., Merchant. . . . Ilia, Wash.

1880.

Newton McCoy, A. B., Attorney at Law. . . . East Portland.

1881.

George W. Coplen, A. B. . . . . Latah, Wash.  
John T. Whalley, A. M., Attorney at Law. . . East Portland.  
J. Alfred Watt, B. S., (M. D., University of  
Michigan).. . . . Olympia, Wash.

1882.

Mitchell Gilliam, A. B., Attorney at Law. . . Seattle, Wash.  
Barnett Y. Roe, A. B., Attorney at Law. . . Forest Grove.  
Mary Virginia Keene, M. S. . . . . Fairfield.

1883.

Napoleon Davis, A. M., Banker. . . . . Salem.  
Adelaide Poppleton, A. B. . . . . Portland.  
Anna Jackson, M. S., Teacher. . . . . Tacoma, Wash.

1884.

Joseph Beek, A. B. . . . . Portland.

1885.

Marion C. Adams, A. B., Nurseryman. . . . . Sunset, Wash.  
Margaret J. (Macrum) Byrd, M. S. . . . . Salem.  
Silas M. Shipley, B. S., (LL. B., University of  
Oregon, 1888). . . . . Seattle, Wash.

1886.

James R. Marsh, A. B., Farmer. . . . . Molalla.  
J. Wheelock Marsh, A. B., Bookkeeper in Bank. Portland.  
Laura (Marsh) Cadwell, M. S. . . . . Bozeman, Mont.

1887.

William D. Wood, A. B., (M. D., University of  
Michigan, 1890) . . . . . Hillsboro.  
Callie (Campbell) Montgomery, M. S. . . . . Albany.  
Mary Gray, M. S., obit, 1890. . . . . Portland.  
Ethel Gray, M. S. . . . . Portland.  
Nellie Woods, M. S. . . . . Forest Grove.  
J. C. Clark, B. S., Photographer . . . . . La Grande.

## 1888.

- Estella S. Porter, A. B., obit, 1889. . . . . Forest Grove.  
 Fred N. Hallett, B. S., Broker. . . . . Moscow, Idaho.  
 Frank W. Hinman, B. S., Merchant. . . . . Ellensburg, Wash.  
 William P. Marsh, B. S., Tutor Pacific Uni-  
 versity . . . . . Forest Grove.  
 John U. Smith, B. S., (LL. B., University of  
 Oregon, 1870) . . . . . Portland.

## 1889.

- Mattie E. (Koontz) Smith, B. S.. . . . . Portland.  
 Sidney E. Marsh, A. B., Journalist, obit, 1890. Port Townsend, Wash.  
 Clay McNamee, B. S., Law Student. . . . . Moscow, Idaho.

## 1890.

- Willam S. Macrum, A. B., Bank Collector. . . . . Portland.  
 Gustaf Walter Nelson, A. B., Theological  
 Seminary. . . . . Oakland, Cal.  
 Mary Ellen Lee, M. S. . . . . Whatcom, Wash.  
 Lafayette Lincoln Bush . . . . . Bay Center, Wash.  
 Alexander C. Alexander, B. S. . . . . Portland.

## 1891.

- Bates, Wm. A., B. S. . . . . Gaston.  
 Hinman, Margaret, M. S. . . . . Forest Grove.  
 Hodgin, John S., B. S. . . . . Gold Beach.  
 Lee, John A., A. B. . . . . Whatcom, Wash.  
 Patton, Mary E., A. B. . . . . Forest Grove.  
 Snider, Asa B., B. S. . . . . Oregon City.

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CATALOGUE

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1891-2  
1892-1893.

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FOREST GROVE, OREGON.

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PORTLAND, OREGON:  
GEO. H. HIMES, PRINTER AND PUBLISHER,  
1892.



## CALENDAR.

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1892.

Sept. 21, Wednesday. The Fall Term begins at 8:45 A. M.

Sept. 23, Friday. .... College Reception.

Oct. 21, Friday. .... Columbus Day.

Nov. 24, Thursday ... } Thanksgiving Recess.

Nov. 25, Friday ..... }

Dec. 22, Thursday ... The Fall Term ends.

Dec. 23, Friday ..... } Christmas Recess.

1893.

Jan. 2, Monday ..... }

Jan. 3, Tuesday. .... The Winter Term begins at 8:45 A. M.

Jan. 6, Friday. .... College Reception.

Jan. 26, Thursday ... Day of Prayer for Colleges.

March 31, Friday ..... The Winter Term ends.

April 1, Saturday ... } Easter Recess.

April 4, Tuesday ... }

April 5, Wednesday. The Spring Term begins at 8:45 A. M.

April 7, Friday. .... College Reception.

June 17, Saturday ... Anniversary of the Conservatory of Music.

June 18, Sunday ..... Baccalaureate Sermon.  
Address before the College Christian Associations.

June 20, Tuesday ... Anniversary Exercises of Tualatin Academy.

Annual Meeting of the Alumni.

June 21, Wednesday. Commencement Exercises.

Corporation Dinner.

President's Reception.

Commencement Concert.

Sept. 20, Wednesday. The Fall Term begins at 8:45 A. M.

# 1892.

SEPTEMBER.							OCTOBER.							NOVEMBER.							DECEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	...	...	...	...	1	2	3	...	...	...	...	...	1	...	...	1	2	3	4	5	...	...	...	...	1	2	3
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
25	26	27	28	29	30	...	23	24	25	26	27	28	29	27	28	29	30	...	...	...	25	26	27	28	29	30	31
...	...	...	...	...	...	...	30	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

# 1893.

JANUARY.							FEBRUARY.							MARCH.							APRIL.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	...	...	...	1	2	3	4	...	...	...	1	2	3	4	...	...	...	...	...	...	1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31	...	...	...	...	26	27	28	...	...	...	...	26	27	28	29	30	31	...	23	24	25	26	27	28	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...
MAY.							JUNE.							JULY.							AUGUST.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	1	2	3	4	5	6	...	...	...	...	1	2	3	...	...	...	...	...	1	...	...	...	1	2	3	4	5
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31	...	...	...	25	26	27	28	29	30	...	23	24	25	26	27	28	29	27	28	29	30	31	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	31	...	...	...	...	...	...	...	...	...	...	...	...
SEPTEMBER.							OCTOBER.							NOVEMBER.							DECEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	...	...	...	...	1	2	1	2	3	4	5	6	7	...	...	...	1	2	3	4	...	...	...	...	...	1	2
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	29	30	31	...	...	...	...	26	27	28	29	30	...	...	24	25	26	27	28	29	30
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31	...	...	...	...	...	...

## TRUSTEES.

---

- REV. THOMAS McCLELLAND, D. D.,  
*Ex-officio, Forest Grove.*
- HON. A. HINMAN, PRESIDENT.....*Forest Grove.*
- HON. G. SHINDLER .....*Portland.*
- REV. MYRON EELLS, D. D.....*Union City, Wash.*
- HON. HENRY FAILING .....*Portland.*
- E. M. ATKINSON, B. A.....*Portland.*
- REV. O. DICKINSON.....*Salem.*
- HON. H. W. CORBETT .....*Portland.*
- HON. R. P. BOISE, LL. D.....*Salem.*
- REV. T. E. CLAPP.....*Portland.*
- MILTON W. SMITH, M. A.....*Portland.*
- 

## FINANCE COMMITTEE.

---

- PRES. THOMAS McCLELLAND,  
PROF. JOSEPH W. MARSH,  
HON. A. HINMAN,  
MILTON W. SMITH.
- 

- HON. HENRY FAILING .....TREASURER.
- REV. MYRON EELLS .....SECRETARY.
- E. M. ATKINSON, ESQ...ASSISTANT SECRETARY.
- PROF. JOSEPH W. MARSH.....LOCAL TREASURER.

## FACULTY AND INSTRUCTORS.

---

REV. THOMAS McCLELLAND, D. D., PRESIDENT,  
*Professor of Mental and Moral Philosophy.*

JOSEPH W. MARSH, PH. D.,  
*Professor of Greek and Latin.*

WILLIAM N. FERRIN, M. A.,  
*Professor of Mathematics.*

THEODORE WHITTELSEY, B. A.,  
*Professor of Chemistry and Physics.*

FRANCIS E. LLOYD, B. A.,  
*Professor of Biology and Geology.*

JAMES R. ROBERTSON, M. A.,  
*Principal of the Academy and Instructor in History.*

HELEN A. BROOKS, B. L.,  
*Principal of the Woman's Department and Instructor in  
Rhetoric and English Literature.*

BURT E. POWELL, B. S.,  
*Instructor in Pedagogics and the English Branches.*

BERTHA W. HADLEY.  
*Director of the Conservatory and Instructor in  
Piano-forte and Organ.*

HARRIET D. McCLELLAND,  
*Instructor in Vocal Music.*

---

J. M. GARRISON, M. A.,  
*Instructor in Penmanship.*

JOSEPH W. MARSH,  
*Librarian.*



## WOMAN'S BOARD.

---

MRS. A. HINMAN,  
MRS. E. H. MARSH,  
MISS HELEN A. BROOKS.

---

## OFFICERS OF THE ASSOCIATE ALUMNI.

---

PRESIDENT,

HON. THOMAS H. TONGUE, '68.....*Hillsboro, Or.*

VICE PRESIDENT,

MISS NELLIE WOODS, '87 .....*Forest Grove, Or.*

SECRETARY AND TREASURER,

MISS MARGARET HINMAN, '91 .....*Forest Grove, Or.*



## GENERAL INFORMATION.

---

### AIM.

Tualatin Academy was founded in 1848, and Pacific University in 1853, in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. With this high purpose, years of self-sacrifice were spent by its founders. For this purpose, the friends of the College have contributed toward its permanent endowment. As it is not dependent for its support upon the tuition paid by its students and consequently the mere number of students in attendance is not regarded as all-important, the Faculty is enabled to maintain thorough standards of scholarship in all grades of study and to offer unusual advantages for advanced work.

### LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of upwards of 1,200 inhabitants. It is situated on the Southern Pacific railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location and well-deserved reputation for general good order make Forest Grove a home for students remarkably free from the temptations and dangers often surrounding school life.

### BUILDINGS.

The buildings are situated on an ample campus of thirty acres, covered in part with a growth of native firs and oaks, and commanding a fine view of the surrounding mountains.

*College and Academy Buildings.*—Two plain and substantial buildings of moderate size, each two stories high, afford rooms for library, laboratory, chapel and recitations.

*Marsh Memorial Hall.*—The Trustees have undertaken to erect a new building adequate to the growing needs of the institution. It was voted that this building should be a memorial to the late Rev. S. H. Marsh, D. D., the first President of the institution. It will cost not less than \$50,000, and will be completed, it is expected, within the coming year.

*Ladies Hall.*—A large three-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and affords table board for a number of young men who room elsewhere.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants. The rooms are heated, and furnished with carpet, study-table, stand, mirror, chairs, woven-wire bed with mattress, lamps and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The Hall is conducted so as to afford a well regulated Christian home for young women coming from out of town. The Principal of the Woman's Department makes her home in the building, and has the young women there under her immediate care.

*Young Men's Dormitory.*—Young men may obtain comfortable rooms at a building which the College has recently fitted up. These rooms will be supplied with bedstead and mattress, washstand, table, chairs and stove. All other necessary furnishings students are expected to provide. The rates for the present year will be found under the head of EXPENSES.

#### APPARATUS AND COLLECTIONS.

The Chemical Laboratory has been enlarged and entirely refitted, a supply of apparatus and chemicals having been imported from Germany expressly for the College. The

rooms are supplied with desks and tables with appropriate fixtures, balances, and a set of assaying apparatus.

The Mathematical Department is supplied with a complete set of engineering instruments of the latest Gurley make.

The College possesses a geological collection, of which use is made in connection with the study of geology and mineralogy.

An herbarium of about 2,000 named species (mostly from this region), belonging to the College, is used in connection with the study of botany.

Contributions to the library and geological collection are solicited, and may be sent to any member of the Faculty.

#### SIGNAL SERVICE STATION.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. The following are some of the instruments at the station: Thermometers, standard, wet and dry bulb, maximum and minimum; Barograph, a self-registering instrument measuring the pressure of the atmosphere; Rain-guage, measuring the amount of rainfall; Anemometer, showing the velocity of the wind at every hour of the day.

Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts issued by the government are received at the University by telegraph daily, and the government weather flags indicating the same are displayed from the flagstaff for the information of the public.

#### LIBRARY AND READING ROOM.

The College Library, now numbering 6,000 volumes, offers excellent facilities for reference and special study, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is very full.

The reading room, which is supplied with a well-selected list of the leading magazines and periodicals, together with a number of religious and secular newspapers of different denominations and parties, is open to all students.

### LECTURES.

During the school year monthly lectures will be delivered before the students of the institution by members of the Faculty and invited speakers. Occasional lectures are delivered on general habits, methods of study and other important subjects, to the young women by the Principal of the Woman's Department and others.

### LITERARY SOCIETIES.

There are two of these in the institution; the Gamma Sigma for young men, and the Philomathean for young women. These societies are maintained and managed wholly by the students. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained.

### PHYSICAL TRAINING.

By special arrangement with the Forest Grove Athletic Association, its gymnasium will be thrown open free to all students during certain hours daily.

Exercises in the open air and athletic sports are encouraged, and spacious grounds on the college campus afford excellent opportunities for this kind of physical culture.

### REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well-disposed, or who are too wayward for home restraint. To such as are earnest, it offers the advantages of a quiet and orderly community, with all the opportunities of study and mental improvement afforded by a well-established institution. A careful



record of attendance, deportment and scholarship is kept, and regular quarterly reports are sent to the parents of all minor pupils. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

Students are not allowed to room at a hotel or public boarding house, except on special permission of the Faculty. In selecting or changing boarding places, students must consult the presiding officer of their department, and young ladies boarding themselves must be under the supervision of the lady of the house where they room.

Permission for absence from recitations or from town, must be obtained in advance, whenever possible, from the head of the department in which the student is registered.

Profanity, the use of intoxicating drinks, gambling, visiting of billiard halls and saloons, attending dancing parties during term-time, and the use of tobacco on or about the College premises, are forbidden.

Students in any department of the institution may not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

In order to insure the time necessary for the preparation of lessons and to encourage habits of method, an observance of the following study hours is required :

*Study Hours*, except on Saturday and Sunday, are from 8:45 to 12 A. M.; from 1 to 4 P. M., and from 7 to 9 P. M. After May 1, and on Saturday throughout the year, from 8 to 9 P. M. During these hours and after 9 P. M., students

are expected to be in their rooms unless at school exercises or specially excused.

### WOMAN'S DEPARTMENT.

The Woman's Department is not a separate school, but young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies, they recite together. The Woman's Board acts in an advisory relation to the Faculty in the management of the Woman's Department. The young women in every department of the institution are under the supervision of the Principal of the Woman's Department.

### RELIGIOUS EXERCISES.

The institution aims to give to its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be attained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church service on Sunday morning. The churches of the town represent the following denominations: Baptist, Congregational, Disciples and Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Woman's Christian Associations are maintained by the students, and the prayer meetings, which occur every Tuesday evening, are largely attended.

The work of these societies is very helpful in determining the Christian character of the institution.

### EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

College Tuition, per term.....	\$15.00
Academy Tuition, per term.....	10.00

Each student pays a Library fee of fifty cents per term.

The charge for one study is one-half the regular rate of tuition. For more than one study the full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases where they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term may be paid back.

Tuition for each term must be paid in advance to Prof. Joseph W. Marsh, Local Treasurer.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that a satisfactory adjustment of them has been made.

#### BOARD AND ROOMS.

*Ladies Hall.*—The price of room rent and board, including lights and fuel, is, for the present, from \$2.50 to \$3.50, according to location and furnishing of room. Table board for young men, \$2.00.

*Young Men's Dormitory.*—Room rent for the present year will be twenty-five cents per week for each occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board may be obtained in a students' boarding club at cost, which probably will not exceed \$1.75 per week.

Rooms and board may be obtained in private families in the town at higher rates.

#### COLLEGE AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education, need fail in the attempt.

A limited number of free scholarships are granted to worthy students from funds given for the purpose. Applications for these may be made to the President. Sons and daughters of missionaries, in actual service, are admitted upon payment of one-half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

### SPECIAL STUDENTS.

In the arrangement of the courses, the established fact is recognized that fixed schemes of study must be maintained in the interests of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students, in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

### DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of \$5.00 for the Collegiate Diploma.

Any Bachelor of Arts wishing to receive the degree of Master of Arts in course, is required to furnish to the Trustees evidence of continued interest and progress in professional or literary pursuits, by presenting either a written thesis or a public oration, before receiving the degree, the subject of the same to be presented to the President at the time of applying for the degree.

# THE COLLEGE.





## TERMS OF ADMISSION.

*For the Course Leading to the Degree of Bachelor of Arts.*

1. IN ENGLISH:—Each candidate will be expected to criticise, analyze, and parse specimens of English given at the time of examination.

The candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, idiom, and division into paragraphs, and plain and natural in style, on a subject announced at the time of examination. Subjects will be selected from the following works :

*For 1892* :—Shakspeare's Julius Cæsar, Scott's Marmion, Longfellow's Courtship of Miles Standish, Irving's Alhambra.

*For 1893* :—Shakspeare's Julius Cæsar and Twelfth Night, Scott's Marmion, Longfellow's Courtship of Miles Standish, Macaulay's second essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Ivanhoe, Dickens' David Copperfield.

2. IN GREEK :—
  - (a) Grammar, Goodwin's or Crosby's.
  - (b) Translation of simple English sentences into Greek.
  - (c) Xenophon's Anabasis, three books.
  - (d) Translations at sight of passages from easy Greek prose.
3. IN LATIN :—
  - (a) Grammar, Allen & Greenough's, Harkness', or Andrews and Stoddard's.
  - (b) Translation of easy sentences into Latin prose.
  - (c) Cæsar's Gallic War, three books.
  - (d) Four orations of Cicero.
  - (e) Vergil's Æneid, four books.
  - (f) Translation at sight of passages from easy Latin prose.

4. IN MATHEMATICS:—(a) Arithmetic, including the metric system.  
                                           (b) Algebra, through quadratic equations.  
                                           (c) Plane and Solid Geometry.
5. IN HISTORY:—(a) U. S. History, leading facts.  
                                           (b) History of Greece, leading facts.  
                                           (c) History of Rome, leading facts.

*For the Courses Leading to the Degrees of Bachelor of Science and Bachelor of Literature.*

In English, Latin and Mathematics the requirements are the same as for the course leading to the Degree of Bachelor of Arts. Candidates for admission to this course need not offer Greek, in place of which they will be examined in the following subjects:

1. IN FRENCH:—(a) Some proficiency in pronunciation.  
                                           (b) A knowledge of the regular and irregular verbs.  
                                           (c) Such a degree of facility in translation that *Telemaque*, *Racine*, or *De Stael* may be read with comparative ease.  
                                           (d) Some acquaintance with the history of the literature.
2. IN ELEMENTARY SCIENCE:—(a) Astronomy.  
                                                                                           (b) Natural Philosophy.

### ENTRANCE BY CERTIFICATE.

Students who have pursued a course of study equivalent to one of those prescribed in Tualatin Academy, may, by special vote of the Faculty, be admitted to Pacific University on the certificate of the preparatory schools. Schools which desire to have their students thus admitted are requested to send to the Secretary of the Faculty their courses of study. All certificates should, if possible, be sent before Commencement.

If the preparation of a student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

## SENATE BILL No. 112

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A BILL for an Act to encourage more thorough preparation of teachers for public school work in the State of Oregon.

*Be it enacted by the Legislative Assembly of the State of Oregon :*

That all persons who shall complete a required course of study, and receive a literary degree therefor in any institution of learning of collegiate or university grade, chartered or incorporated under the law of this State, and shall have passed such examination thereon as may be designated and approved by the State Board of Education, shall be entitled to receive a State diploma, as is now authorized by law, and after six years of successful teaching in the State of Oregon, shall be entitled to the State life diploma, as now provided by law, when they shall have paid the required fee for said diploma.

Approved February 20, 1891.

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Under this law, the State Board of Education has determined that all persons making application for State diplomas shall pass an approved examination in the following branches: Book-keeping, Composition, Physical Geography, Algebra, English Literature, Oregon School Laws, General History, and Theory and Practice of Teaching. The examination to be held at the end of each session of the University.

## COURSES OF STUDY.

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In order to meet the demands for more advanced courses of study than have been heretofore offered, the curriculum of Pacific University has been thoroughly revised. History and English Literature are given greater prominence and in other respects all the Courses have been strengthened and brought more in accord with the approved ideas of higher education. The Scientific Course is now in every respect equivalent to the Classical. The elective system, which has proved so successful in other Colleges, has been introduced.

It is believed that the prescribed studies will furnish the frame-work of a liberal education, at the same time affording the student such knowledge of his individual tastes and of the various departments of study as will guide him in an intelligent choice from the elective courses.

1. Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English and the introductory study of the Sciences, through the Freshman and Sophomore years, are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required to so choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. It is generally desirable that subjects be elected to run through the entire year. Electing by terms, however, will for the present be allowed to a limited extent; but the following courses may not be elected for a less period than three consecutive terms: Mathematics, Quantitative Analysis and Biology. The following may not be elected for less than two terms: Qualitative Analysis, American History, English Literature (Masterpiece Course), and French. The following are offered for a single term: Organic Chemistry,

English Literature (Chaucer), Comparative Constitutional History, Physiological Psychology and Philosophy.

It is assumed that the choice of electives will be made by the student with reference to some clear, deliberate plan. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him.

2. Candidates for the degree of Bachelor of Science will have the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the place of Greek will be taken by Analytical Geometry, Calculus, and Chemistry (Qualitative Analysis).

3. The course leading to the degree of Bachelor of Literature is a short course designed for women who do not wish to pursue the study of Greek, Higher Mathematics, or advanced Science. The other required work and the elective courses are the same as for candidates for the degree of Bachelor of Arts.

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NOTE.—It will be necessary, for the year of 1892-1893, at least, to vary the work in a slight degree from the courses as here outlined in order to adjust the work of students, now in the institution, to the new courses.

# OUTLINES OF COURSES.

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## CLASSICAL COURSE.

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*Leading to the Degree of Bachelor of Arts.*

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### FRESHMAN YEAR.

#### FALL TERM.

- LATIN :—Livy. Four exercises per week.  
GREEK :—Herodotus, Goodwin's Selections. Five exercises per week.  
MATHEMATICS :—Algebra. Five exercises per week.  
RHETORIC :—Genung's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.  
Essays and Declamations.  
BIBLE STUDY :—Greek Testament, Gospels. One exercise per week.

#### WINTER TERM.

- LATIN :—Tacitus, Germania and Agricola. Five exercises per week.  
GREEK :—Homer, Iliad (two books). Five exercises per week.  
MATHEMATICS :—Trigonometry. Four exercises per week.  
RHETORIC :—Genung's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.  
Essays and Declamations.  
BIBLE STUDY :—Greek Testament, Gospels. One exercise per week.

#### SPRING TERM.

- LATIN :—Horace, Selected Odes and Satires; *Ars Poetica*. Four exercises per week.  
GREEK :—Thucydides, Goodwin's Selections. Five exercises per week.  
MECHANICS :—Olmsted's Revised College Philosophy. Five exercises per week.  
RHETORIC :—Genung's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.  
Essays and Declamations.  
BIBLE STUDY :—Greek Testament, Gospels. One exercise per week.

### SOPHOMORE YEAR.

#### FALL TERM.

- GREEK :—Sophocles, Antigone. Two exercises per week.  
PHYSICS :—Olmsted's Revised College Philosophy. Four exercises per week.  
BIOLOGY :—Sedgwick and Wilson's General Biology. Laboratory work. Three exercises per week.



HISTORY:—Green's Shorter History of the English People. Four exercises per week.

ENGLISH LITERATURE:—Stopford Brooke's English Literature Primer. Collateral Reading. Lectures. Two exercises per week.

BIBLE STUDY:—Greek Testament, Gospels. One exercise per week.

RHETORIC:—Essays and Declamations.

#### WINTER TERM.

GREEK:—Sophocles, Antigone. Two exercises per week.

PHYSICS:—Olmsted's Revised College Philosophy. Five exercises per week.

BIOLOGY:—Sedgwick & Wilson's General Biology. Packard's Zoology. Laboratory work. Three exercises per week.

HISTORY:—History of Continental Europe. Lodge's Modern Europe. Three exercises per week.

ENGLISH LITERATURE:—Selected Readings from English Classics. Two exercises per week.

BIBLE STUDY:—Greek Testament, Gospels. One exercise per week.

RHETORIC:—Essays and Declamations.

#### SPRING TERM.

CHEMISTRY:—Harris' Non-Metals. Lectures. Laboratory work. Five exercises per week.

BOTANY:—Gray's Text-Book of Botany. Field work. Three exercises per week.

HISTORY:—History of Continental Europe. Lodge's Modern Europe. Three exercises per week.

ENGLISH LITERATURE:—Selected Readings from English Classics. Two exercises per week.

BIBLE STUDY:—Greek Testament, Gospels. One exercise per week.

RHETORIC:—Essays and Declamations.

#### JUNIOR YEAR.

##### FALL TERM.

GERMAN:—Grammar and Prose Reading. Five exercises per week.

ASTRONOMY:—Olmsted's Revised College Astronomy. Five exercises per week.

BIBLE STUDY:—Greek Testament, Epistles. One exercise per week.

RHETORIC:—Essays and Orations.

ELECTIVE STUDIES:—See page 33. Five exercises per week.

##### WINTER TERM.

GERMAN:—Grammar and Prose Reading. Five exercises per week.

PHYSIOLOGY:—Martin's The Human Body. Five exercises per week.

BIBLE STUDY:—Greek Testament, Epistles. One exercise per week.

RHETORIC:—Essays and Orations.

ELECTIVE STUDIES:—See page 33. Five exercises per week.

## SPRING TERM.

GERMAN :—Prose Reading. Five exercises per week.

GREEK :—Plato, Apology. Five exercises per week.

BIBLE STUDY :—Greek Testament, Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

## SENIOR YEAR.

## FALL TERM.

POLITICAL SCIENCE :—Walker's Political Economy. Five exercises per week.

LOGIC :—Jevon's Hill's Elements of Logic. Four exercises per week.

EVIDENCES OF CHRISTIANITY :—One exercise per week.

BIBLE STUDY :—Greek Testament, Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

## WINTER TERM.

GEOLOGY :—Le Conte's Elements of Geology. Three exercises per week.

PYSCHOLOGY :—Porter's Intellectual Science. Lectures. Five exercises per week.

PHILOSOPHY :—Lectures on the History of Philosophy. One exercise per week.

EVIDENCES OF CHRISTIANITY :—One exercise per week.

BIBLE STUDY :—Greek Testament, Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

## SPRING TERM.

GEOLOGY :—Le Conte's Elements of Geology. Three exercises per week.

ETHICS :—Hopkins' Law of Love and Love as a Law. Five exercises per week.

EVIDENCES OF CHRISTIANITY :—Two exercises per week.

BIBLE STUDY :—Greek Testament, Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

## SCIENTIFIC COURSE.

*Leading to the Degree of Bachelor of Science.*

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## FRESHMAN YEAR.

## FALL TERM.

LATIN :—Livy. Four exercises per week.

BIOLOGY :—Sedgwick & Wilson's General Biology. Laboratory work. Five exercises per week.

MATHEMATICS :—Algebra. Five exercises per week.

RHETORIC :—Genung's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.

Essays and Declamations.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

## WINTER TERM.

LATIN :—Tacitus, Germania and Agricola. Five exercises per week.

BIOLOGY :—Sedgwick & Wilson's General Biology. Packard's Zoology. Laboratory work. Five exercises per week.

MATHEMATICS :—Trigonometry. Four exercises per week.

RHETORIC :—Genung's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.

Essays and Declamations.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

## SPRING TERM.

LATIN :—Horace, Selected Odes and Satires; *Ars Poetica*. Four exercises per week.

BOTANY :—Gray's Text-Book of Botany. Field work. Five exercises per week.

MECHANICS :—Olmsted's Revised College Philosophy, Five exercises per week.

RHETORIC :—Genung's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.

Essays and Declamations.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

## SOPHOMORE YEAR.

## FALL TERM.

MATHEMATICS :—Analytical Geometry. Five exercises per week.

PHYSICS :—Olmsted's Revised College Philosophy. Four exercises per week.

HISTORY :—Green's Shorter History of the English People. Four exercises per week.

ENGLISH LITERATURE :—Stopford Brooke's English Literature Primer. Collateral Reading. Lectures. Two exercises per week.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

RHETORIC :—Essays and Declamations.

#### WINTER TERM.

MATHEMATICS :—Analytical Geometry and Calculus. Five exercises per week.

PHYSICS :—Olmsted's Revised College Philosophy. Five exercises per week.

HISTORY :—History of Continental Europe. Lodge's Modern Europe. Three exercises per week.

ENGLISH LITERATURE :—Selected Readings from English Classics. Two exercises per week.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

RHETORIC :—Essays and Declamations.

#### SPRING TERM.

MATHEMATICS :—Calculus. Five exercises per week.

CHEMISTRY :—Harris' Non Metals. Lectures. Laboratory work. Five exercises per week.

HISTORY :—History of Continental Europe. Lodge's Modern Europe. Three exercises per week.

ENGLISH LITERATURE :—Selected Reading from English Classics. Two exercises per week.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

RHETORIC :—Essays and Declamations.

### JUNIOR YEAR.

#### FALL TERM.

GERMAN :—Grammar and Prose Reading. Five exercises per week.

ASTRONOMY :—Olmsted's Revised College Astronomy. Five exercises per week.

CHEMISTRY :—Qualitative Analysis. Lectures. Three exercises per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Two exercises per week.

#### WINTER TERM.

GERMAN :—Grammar and Prose Reading. Five exercises per week.

PHYSIOLOGY :—Martin's The Human Body. Five exercises per week.

CHEMISTRY :—Qualitative Analysis. Lectures. Three exercises per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Two exercises per week.

#### SPRING TERM.

GERMAN :—Prose reading. Five exercises per week.

ENGINEERING :—Field work. Five exercises per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

#### SENIOR YEAR.

##### FALL TERM.

POLITICAL SCIENCE :—Walker's Political Economy. Five exercises per week.

LOGIC :—Jevon's Hill's Elements of Logic. Four exercises per week.

EVIDENCES OF CHRISTIANITY :—One exercise per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

##### WINTER TERM.

GEOLOGY :—Le Conte's Elements of Geology. Three exercises per week.

PSYCHOLOGY :—Porter's Intellectual Science. Lectures. Five exercises per week.

PHILOSOPHY :—Lectures on the History of Philosophy. One exercise per week.

EVIDENCES OF CHRISTIANITY :—One exercise per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

##### SPRING TERM.

GEOLOGY :—Le Conte's Elements of Geology. Three exercises per week.

ETHICS :—Hopkins' Law of Love and Love as a Law. Five exercises per week.

EVIDENCES OF CHRISTIANITY :—Two exercises per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays and Orations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

## LITERARY COURSE.

*Leading to the Degree of Bachelor of Letters.*

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## FIRST YEAR.

## FALL TERM.

LATIN:—Livy. Four exercises per week.

BIOLOGY:—Sedgwick & Wilson's General Biology. Laboratory work.  
Five exercises per week.

MATHEMATICS:—Algebra. Five exercises per week.

RHETORIC:—Genuing's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.  
Essays and Recitations.

BIBLE STUDY:—Latin Testament, Gospels. One exercise per week.

## WINTER TERM.

LATIN:—Tacitus, Germania and Agricola. Five exercises per week.

BIOLOGY:—Sedgwick & Wilson's General Biology. Packard's Zoology.  
Laboratory work. Five exercises per week.

MATHEMATICS:—Trigonometry. Four exercises per week.

RHETORIC:—Genuing's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.  
Essays and Recitations.

BIBLE STUDY:—Latin Testament, Gospels. One exercise per week.

## SPRING TERM.

LATIN:—Horace, Selected Odes and Satires; *Ars Poetica*. Four exercises per week.

CHEMISTRY:—Harris' Non-metals. Lectures. Laboratory work.  
Five exercises per week.

BOTANY:—Gray's Text-book of Botany. Field work. Five exercises per week.

RHETORIC:—Genuing's Rhetoric and Handbook of Rhetorical Analysis. One exercise per week.  
Essays and Recitations.

BIBLE STUDY:—Latin Testament, Gospels. One exercise per week.

## SECOND YEAR.

## FALL TERM.

GERMAN:—Grammar and Prose Reading. Five exercises per week.

HISTORY:—Green's Shorter History of the English People. Four exercises per week.

ENGLISH LITERATURE:—Stopford Brooke's English Literature Primer.  
Collateral Reading. Lectures. Two exercises per week.



BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

RHETORIC :—Essays and Recitations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

#### WINTER TERM.

GERMAN :—Grammar and Prose Reading. Five exercises per week.

HISTORY :—History of Continental Europe. Lodge's Modern Europe.

Three exercises per week.

ENGLISH LITERATURE :—Selected Readings from English Classics.

Two exercises per week.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

RHETORIC :—Essays and Recitations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

#### SPRING TERM.

GERMAN :—Prose Reading.

HISTORY :—History of Continental Europe. Lodge's Modern Europe.

Three exercises per week.

ENGLISH LITERATURE :—Selected Readings from English Classics.

Two exercises per week.

BIBLE STUDY :—Latin Testament, Gospels. One exercise per week.

RHETORIC :—Essays and Recitations.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

#### THIRD YEAR.

##### FALL TERM.

POLITICAL SCIENCE :—Walker's Political Economy. Five exercises per week.

LOGIC :—Jevon's Hill's Elements of Logic. Four exercises per week.

EVIDENCES OF CHRISTIANITY :—One exercise per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

##### WINTER TERM.

GEOLOGY :—Le Conte's Elements of Geology. Three exercises per week.

PSYCHOLOGY :—Porter's Intellectual Science. Five exercises per week.

PHILOSOPHY :—Lectures on the History of Philosophy. One exercise per week.

EVIDENCES OF CHRISTIANITY :—One exercise per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

## SPRING TERM.

GEOLOGY :—Le Conte's Elements of Geology. Three exercises per week.

ETHICS :—Hopkins' Law of Love and Love as a Law. Five exercises per week.

EVIDENCES OF CHRISTIANITY :—Two exercises per week.

BIBLE STUDY :—Latin Testament, Acts or Epistles. One exercise per week.

RHETORIC :—Essays.

ELECTIVE STUDIES :—See page 33. Five exercises per week.

## ELECTIVE STUDIES.

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Students in the last two years in College are required to so elect from the following courses as to bring their total work up to fifteen exercises per week. A more detailed description of the courses will be found on pages 24-32 :

### FALL TERM.

LATIN :—Two exercises per week.  
GREEK :—Three exercises per week.  
FRENCH :—Five exercises per week.  
AMERICAN HISTORY :—Two exercises per week.  
CHAUCER :—History of English Language. Two exercises per week.  
QUALITATIVE ANALYSIS :—Three exercises per week.  
QUANTITATIVE ANALYSIS :—Two exercises per week.  
BIOLOGY :—Three exercises per week.  
ANALYTICAL GEOMETRY :—Five exercises per week.

### WINTER TERM.

LATIN :—Two exercises per week.  
GREEK :—Three exercises per week.  
FRENCH :—Five exercises per week.  
AMERICAN HISTORY :—Two exercises per week.  
MASTERPIECES OF ENGLISH LITERATURE :—Two exercises per week.  
QUALITATIVE ANALYSIS :—Three exercises per week.  
QUANTITATIVE ANALYSIS :—Two exercises per week.  
BIOLOGY :—Three exercises per week.  
ANALYTICAL GEOMETRY AND CALCULUS :—Five exercises per week.

### SPRING TERM.

LATIN :—Two exercises per week.  
GREEK :—Three exercises per week.  
FRENCH :—Five exercises per week.  
COMPARATIVE CONSTITUTIONAL HISTORY :—Two exercises per week.  
MASTERPIECES OF ENGLISH LITERATURE :—Two exercises per week.  
ORGANIC CHEMISTRY :—Three exercises per week.  
QUANTITATIVE ANALYSIS :—Three exercises per week.  
BIOLOGY :—Three exercises per week.  
CALCULUS :—Five exercises per week.  
ENGINEERING :—Five exercises per week.  
PHYSIOLOGICAL PSYCHOLOGY :—Three exercises per week.  
PHILOSOPHY :—Two exercises per week.

An exercise usually occupies one hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The courses in History and English Literature may be made to count as three hour electives by additional work outside the class room. The course in French, although coming five times per week, will count as a three hour elective.

# METHODS OF INSTRUCTION.

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## PHILOSOPHY.

PRESIDENT MC CLELLAND :

### PSYCHOLOGY.

The study of this subject is taken up during the Winter term of the last year of the regular College courses. Its principles are taught by means of text-books and lectures. Essays are required upon appointed themes, and a course of select reading is marked out and required. The text-book at present in use is Porter's Elements of Intellectual Science.

### PHYSIOLOGICAL PSYCHOLOGY.

Elective.

This course occupies three hours per week during the Spring term of the Senior year. More particular attention is paid to mental phenomena from the experimental and physiological point of view, than is possible in the prescribed course. Ladd's Outlines of Physiological Psychology will be made the basis of this work, the Elements of Physiological Psychology, by the same author, being used as a book of reference.

### HISTORY OF PHILOSOPHY.

This subject is treated in an outline course of lectures, Ueberweg's and Schweigler's Histories of Philosophy being used for reference.

### THE PHILOSOPHICAL ELECTIVE.

Elective.

This course consists of reading and discussion on special topics relating to the development of the philosophy of Europe during the seventeenth century.

### ETHICS AND EVIDENCES OF CHRISTIANITY.

These subjects are taught by text-books, due consideration being paid to the current phases of thought, and in

Ethics to the practical application of the principles established to the conduct of life. Special stress is laid upon the class discussions. The text-books used are Wright's *Logic of Christian Evidences*, Fisher's *Manual of Christian Evidences*, Hopkins' *Law of Love and Love as a Law*, Fairchild's *Moral Philosophy*.

### LOGIC.

The study of Logic is pursued during the Fall term of the last year of the regular College courses. Frequent exercises in argumentation and the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Jevon's *Logic*, as recast by Hill, is the text-book used.

### GREEK AND LATIN.

PROFESSOR MARSH :

A classical education consists not merely in a knowledge of Latin and Greek, but in mastering such a connected series of studies as shall give a general survey of the whole field of knowledge and form a secure and permanent foundation for special studies in any line, not cultivating or allowing narrowness, but appreciating knowledge of all kinds at its true value and helping each individual to form a correct estimate of his own attainments, capabilities and limitations.

As an essential part of this education, the study of the Latin and Greek languages is of great importance in giving a mental discipline which is of great and peculiar value, in multiplying our stock of ideas, in enabling us to understand better our own language, and in making us acquainted with a fine body of literature.

The methods of instruction are thorough and at the same time the work is enlivened by connecting it with late investigations and practical questions.

## ELECTIVES

In Greek and Latin for the year will be offered to the Senior and Junior classes as follows :

*Greek*:—Fall term, Æschylus' Prometheus Bound; Winter and Spring terms, Demosthenes' De Corona.

*Latin*:—Fall term, Cicero's De Amicitia; Winter and Spring terms, Quintilian, Books X and XII.

In connection with each of them the student will be directed to the consideration of the class of literature exemplified, the period and the author. More stress will be placed upon the subject matter, the broad relations and historical environment of the works, than upon technical points, although the beauties and peculiarities of style and language will not be overlooked.

## MATHEMATICS.

PROFESSOR FERRIN :

The object of the study of Mathematics is conceived to be: (1) To cultivate in the student habits of clear and exact thinking and logical reasoning, together with the ability to state clearly and precisely his own convictions, and the grounds of them; (2) to present the fundamental relations of number and space, and the most suitable methods of applying them to the discussion of scientific and practical questions.

## HIGHER ALGEBRA.

This subject is taken up in the Fall term of the Freshman year, beginning with a rapid review of Quadratics, and carrying the work as far as the capacity of the class will permit.

## TRIGONOMETRY, PLANE AND SPHERICAL.

This subject comes in the Winter term of the same year. In the study of Trigonometry due attention is given to its practical applications in Plane Surveying, Navigation and Astronomy.



## ANALYTICAL GEOMETRY AND CALCULUS.

Required in the Scientific Course. Elective for other Courses.

The study of this subject extends through the Sophomore year, a half year being given to each study. In the treatment of these branches of higher Mathematics, the design is to give the student a thorough knowledge of the principles, and a clear insight into their practical use in the solving of abstruse scientific problems.

## APPLIED MATHEMATICS.

## MECHANICS

Is taken up in the Fall term of the Freshman year, and is given as full and rigorous a treatment as the time will allow.

## PHYSICS

Extends through the first two terms of the Sophomore year. The work consists of the treatment, mathematically and experimentally, by text-book, supplemented by lectures and illustrative apparatus, of the different branches of Physics, viz.: Hydraulics, Optics, Heat, Acoustics, Electricity, etc.

## ENGINEERING.

Required in Scientific Course. Elective for other Courses.

The course in Engineering is offered in the Spring term. The work is largely in the field, designed to teach the use of the transit, level and other instruments used in plane surveying and railroad engineering.

## ASTRONOMY

Is given in the Fall term of the Junior year. Special effort is given to establishing the mathematical principles of the science and teaching the methods of computation in most general use in practical Astronomy.

## CHEMISTRY.

PROFESSOR WHITTELSEY:

Chemistry is introduced in the latter part of the Sophomore year; and the adoption of a system of electives makes

possible, for those who desire, its continuous study from this time throughout the course.

#### ELEMENTARY CHEMISTRY.

This subject is entered upon in the Fall term of the Sophomore year, exercises occurring five times per week. After a brief discussion of chemical theory, the study of the non-metals is taken up. Instruction is given by lectures and recitations from a text-book, especial attention being paid to writing reactions and to chemical problems. Each student is required to perform a series of illustrative experiments in the laboratory, the aim being not only to facilitate the study of the subject but to train in manipulation and in the observation of chemical phenomena. A laboratory fee of \$2.00, to cover cost of chemicals and apparatus, is charged.

#### ANALYTICAL CHEMISTRY.

Advanced work in chemistry is valuable as affording a knowledge of chemical reactions and the properties of chemical compounds; but its chief value lies in the development of the reasoning powers in the application of such knowledge to analytical processes. The courses in analytical chemistry are planned with this end in view. All laboratory work is performed under the personal supervision of the professor, and each student is questioned daily upon his work. A laboratory fee of \$5.00 per term is charged in the courses in analytical chemistry.

#### *Qualitative Analysis.*

Required for Scientific Course. Elective for the other Courses.

The course in qualitative analysis extends throughout the Fall and Winter terms, and is devoted chiefly to laboratory work. Exercises occur three times per week, each consisting of three consecutive hours. An experimental knowledge of the reactions of the common bases and acids is first acquired, after which single and mixed substances are presented to the student for identification, a gradual advance being made from simple to more complex com-

pounds. In connection with the work a course of lectures is given, covering the metals and metallic compounds.

*Quantitative Analysis.*

Elective for all Courses.

This course is open to those who have successfully pursued the course in qualitative analysis. It covers one year, exercises occurring twice a week during the Fall and Winter terms and three times a week during the Spring term, each exercise consisting of three consecutive hours. It comprises a number of typical gravimetric and volumetric determinations, and a study of the chemistry of the operations involved.

ORGANIC CHEMISTRY.

Elective for all Courses.

The course occurs regularly in the Spring term of the Junior year, and consists of three lectures per week on the compounds of carbon.

NATURAL HISTORY.

PROFESSOR LLOYD:

GENERAL BIOLOGY.

The course in Biology is begun with the study of living matter, beginning with the *cell*, and followed by an inquiry into the structure of an animal and a plant. The problem of *classification* is then taken up, and the principles illustrated by the study of accessible forms. This will occupy two terms, the third term being devoted to the more minute study of the growth and structure of plants. Each student will be required to collect, study and mount a number of plants, representing the several divisions of the plant world. The text-books used will be Sedgwick and Wilson's General Biology, Packard's Zoology, and Gray's Botany.

*Elective.* — The elective course extends through one year, and embraces the study of the comparative anatomy of invertebrates and vertebrates, and consists of the dissection of

various types, and frequent recitations on the work done. This is followed by a study of the nervous system. The text-books used are Brooks' Handbook of Invertebrate Anatomy, Parker's Zootomy, and Foster's Physiology (for reference).

#### PHYSIOLOGY.

The study of the anatomy and physiology of the human body occupies the Winter term of the Junior year. A skeleton and charts are used for illustration. The text-book is Martin's The Human Body.

#### GEOLOGY.

An elementary course in Geology covers two terms of the Senior year, giving a general outline of the subject, including dynamical, structural and historical geology. The text-book used is Le Conte's Elements of Geology.

#### HISTORY AND POLITICAL ECONOMY.

MR. ROBERTSON:

#### HISTORY.

The study of History is conducted, not only with the purpose of giving the student a knowledge of facts in their sequence, but also to cultivate his reasoning powers by studying these facts under the laws of cause and effect.

The required work in History occupies the three terms of the Sophomore year. The first term is given to English History and the second and third to the main facts in the History of Continental Europe from the fifteenth to the eighteenth centuries, inclusive.

The text-books used are Green's Shorter History of the English People and Lodge's Modern Europe. The text-book work is supplemented by assigned reading upon special topics. All students are required to make constant use of a historical atlas.

*Elective.*—The elective work in History occupies one year. Two terms are given to American History, the study of which is based on Von Holtz' Constitutional History of the United States. The third term is given to a comparative

study of the constitutional development of England, Germany, France, Switzerland and the United States, based upon Woodrow Wilson's *The State*.

#### POLITICAL ECONOMY.

This subject is pursued during the Fall term of the Senior year by means of text-books, lectures and class discussions, carried on by members of the class on assigned topics in practical economics.

#### ENGLISH LANGUAGE AND LITERATURE.

##### MISS BROOKS :

The study of English is intended to give the student an accurate knowledge of the English language, facility in the use of it in reading, writing and speaking, and a familiarity with the best works of English writers.

#### RHETORIC.

One exercise a week throughout the Freshman year is given to Rhetoric. The work is based upon Genung's *Rhetoric and Handbook of Rhetorical Analysis*, supplemented by assigned work upon special topics and class-room drill in writing descriptions, narratives, sketches, etc. Selections from the best English authors will be introduced to cultivate in the student the power of correct expression through familiarity with the best English writers, rather than by the study of abstract rules. In addition to the class-room work one essay and one declamation a term is required during the Freshman and Sophomore years, and one oration and one essay during the Junior and Senior years. No oration or essay will be accepted which does not show the evidence of original thought and careful preparation.

#### ENGLISH LITERATURE.

Two exercises a week through the Sophomore year are given to the required work in English Literature. This course is introduced by lectures upon the history of the

English language, and upon the principal writers and works of the Anglo-Saxon and early English periods.

This is followed by a brief, outline study of the whole field, for which Stopford Brooke's English Literature Primer is used.

The student is then brought into direct contact with the works of the best English authors. Some series of English classics with notes are used, and students are required to read them critically, under the direction of the teacher, and to report upon assigned reading upon special topics.

*Electives.*—For students desiring to pursue the subject farther, an elective is offered for one year, the first term of which is devoted to Chaucer, and the others to a few masterpieces of Literature. The aim of this work is to gain familiarity with a few writers rather than information about many.

#### DRAWING AND PAINTING.

Pupils who have the time and inclination have an opportunity to take private lessons in drawing and painting at reasonable terms, with an experienced teacher who is connected with the College.



THE CONSERVATORY OF MUSIC.



## THE CONSERVATORY OF MUSIC.

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The Musical Department is under the same general management with the other departments, and is under the immediate charge of the Director of the Conservatory and assistant teachers.

### THE COURSE OF STUDY

Is planned with regard to the thorough and symmetrical development of the musical faculties. It includes a thorough course in Harmony and Composition, and provides for the acquirement of a high degree of proficiency in two of the following branches: Piano-Forte, Singing and Organ.

The time necessary for the completion of the course cannot be definitely given, as it depends on the previous training, ability and application of the pupil. Usually from two to four years are required. Public and private rehearsals, in which both teachers and pupils take part, are frequently given.

### DIPLOMAS

Are awarded by the Trustees of the University to students who have satisfactorily completed the Conservatory Course.

A choral class for beginners will be formed, for which a nominal fee will be charged. Those sufficiently advanced will have an opportunity to join the choir or the Musical Union, where the highest order of sacred and secular music is used.

Pupils may make special arrangements with the Director for hours of piano practice.

Those who do not wish to purchase music may have access to the Musical Library by the payment of a small fee.

### TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (piano or organ) per term of 24 lessons (one-half hour each) .....	\$15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each).....	15 00

Class Lessons (two in a class) of three quarters of an hour each .....	10 00
Harmony, per term .....	5 00
Rent of Piano, for two hours practice a day, per month.....	1 00 - 2 00
Rent of Music from Musical Library, per term, from .....	75c to 1 50

# THE ACADEMY.





## THE ACADEMY

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Is under the immediate charge of the Principal and his assistants. The College Faculty have general direction respecting the courses of study and discipline.

It provides thorough preparation for the College courses, and at the same time the plan of study is so arranged as to meet the requirements of those who do not propose to take a college course. The courses have been thoroughly revised and strengthened, a large portion of the work in the common English branches being placed in a sub-preparatory year.

### REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper the student must be able to pass a satisfactory examination in the English studies of the sub-preparatory year. For admission to advanced standing the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

### REPORTS.

A record of the work of each pupil is kept, and at the close of each term a report is sent to the parent or guardian.

### EXAMINATIONS

Are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

### CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to the corresponding courses in College.

For information concerning expenses, study hours, regulations, see pages 12, 13 and 14.

## ACADEMY COURSES.

## SUB-PREPARATORY YEAR.

*Fall Term:*—Arithmetic, English Grammar, Geography, Reading and Spelling.

*Winter Term:*—Arithmetic, English Grammar, Geography, Reading and Spelling.

*Spring Term:*—Arithmetic, English Grammar, Geography, Reading and Spelling.

## CLASSICAL.

## FIRST YEAR.

*Fall Term:*—Latin, English Grammar, Arithmetic.

*Winter Term:*—Latin, U. S. History, Elementary Physiology or Bookkeeping.

*Spring Term:*—Latin, English Composition, Mental Arithmetic.

## SECOND YEAR.

*Fall Term:*—Cæsar and Roman History, Algebra, Physical Geography.

*Winter Term:*—Cæsar and Roman History, Algebra, Greek.

*Spring Term:*—Cicero and Ancient History, Algebra, Greek.

## THIRD YEAR.

*Fall Term:*—Cicero and Ancient History, Plane Geometry, Greek.

*Winter Term:*—Vergil, Civil Government and Geometry, Anabasis.

*Spring Term:*—Vergil, Solid Geometry, Anabasis.

## SCIENTIFIC AND LITERARY.

## FIRST YEAR.

*Fall Term:*—Latin, English Grammar, Arithmetic.

*Winter Term:*—Latin, U. S. History, Elementary Physiology or Bookkeeping.

*Spring Term:*—Latin, English Composition, Mental Arithmetic.

## SECOND YEAR.

*Fall Term*.:—Cæsar and Roman History, Algebra, French.

*Winter Term*.:—Cæsar and Roman History, Algebra, French.

*Spring Term*.:—Cicero and Ancient History, Algebra, French or Pedagogics.

## THIRD YEAR.

*Fall Term*.:—Cicero and Ancient History, Plane Geometry, Physical Geography.

*Winter Term*.:—Vergil, Civil Government and Geometry, Elementary Astronomy.

*Spring Term*.:—Vergil, Solid Geometry, Natural Philosophy.

(Rhetorical work and Bible Study throughout both Courses.)

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

## LATIN AND GREEK.

The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading three books of Cæsar, four orations of Cicero, four books of Vergil's *Æneid*, and three books of Xenophon's *Anabasis*, accompanied by more advanced work in Grammar and by Prose Composition. During the last two terms of the course, one hour a week is devoted to Roman and Greek Literature.

*Text-books*.:—Collar & Daniel's Latin Book for Beginners, Allen & Greenough's Latin Grammar, Allen & Greenough's Preparatory Course in Latin Prose, any good edition of Vergil, Goodwin's Greek Grammar, Goodwin's Greek Selections, Leighton's Greek Lessons, Botta's Hand-book of Universal Literature.

## FRENCH.

The study of French extends throughout a year. There is first acquired some proficiency in pronunciation, and a knowledge of the regular forms and of the irregular verbs.

after which the time is chiefly devoted to the reading of Telemaque, and selections from Racine and DeStael.

#### MATHEMATICS.

Three terms in the second year are given to the study of Algebra. The work of the first term is to Fractions; of the second, to Involution, and of the third, to Simple Indeterminate Equations.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

*Text-books*.—Wells' Academic Algebra; Chauvenet's Plane and Solid Geometry.

#### SCIENCE.

Elementary courses are given in Physical Geography, Physiology, Natural Philosophy and Astronomy.

#### ENGLISH.

In the sub-preparatory and first year's work, drill will be given in the study of English Grammar and Composition. This work will include a study of Parts of Speech, Syntax, Construction of Sentences, Figures of Speech, etc.

During the last two years of the Academy work, classes will meet once in two weeks for practical work in Composition. Together with this work, selections from the best American prose writers will be studied. The plan of work will be similar to that outlined in Lockwood's Lessons in English.

#### HISTORY.

United States History is studied during the second term of the first year. The work is so arranged as to lead the pupil to a more thoughtful study of History, by introducing extracts from the original sources and compelling the pupil to think and reason rather than to commit to memory. The text-book used is Studies in American History, by Sheldon Barnes.

Greek and Roman History are studied in connection with Greek and Latin. Brief text-books are used, supplemented by reading upon assigned topics.

Three exercises a week during the third year are given in Civil Government. Fiske's Civil Government is the text-book used.

#### BOOKKEEPING

Is made optional with Physiology in the second term of the first year. It is given to meet the wants of pupils who need this study and at the same time wish a more thorough general course than can be secured at a business college. The work on this subject is practical and will give a thorough understanding of single and double entry Bookkeeping. Attention is also given to business forms in general. The class-room work will be supplemented by a series of talks upon subjects connected with general business by leading professional and business men of Portland and other places. Text-books used are the New Bryant & Stratton Common School Bookkeeping, Clark's Commercial Law.

#### COMMON ENGLISH BRANCHES.

During the sub-preparatory year and the first term of the first year of Academy courses, thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling and Penmanship.

*Text-books*:—Fish's Arithmetic, No. 2, Brooks' Mental Arithmetic, Monteith's Comprehensive Geography, Westlake's 3,000 Test Words, Watson's Complete Speller, Brown's English Grammar with Lectures.

#### BIBLE STUDY.

The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The Old Testament is the subject of the first two years' study and the New Testament of the last two years.

## ENGLISH AND NORMAL STUDIES.

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Arrangements have been made by which special opportunities are offered to those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, apparatus, etc., will be open to students of this course, and it is believed that these privileges will be of peculiar value to those preparing to teach. The regular work will be supplemented by lectures on School Government, School Law, Methods of Teaching, etc.

The course of study is very largely elective in order to suit the wants of the students. After consultation with the teachers, pupils are allowed to select a limited number of studies from the following lists :

### FALL TERM.

Arithmetic, English Grammar, Geography, Reading, Spelling, Algebra, Geometry, Physical Geography, English History, Roman History, English Literature, Rhetoric.

### WINTER TERM.

Arithmetic, English Grammar, Geography, Reading, Spelling, Algebra, Geometry, Civil Government, European History, U. S. History, English Literature, Rhetoric, Elementary Astronomy.

### SPRING TERM.

Arithmetic, English Grammar, Geography, Reading, Spelling, Algebra, Geometry, Elementary Physiology, European History, Greek History, English Literature, Rhetoric, Natural Philosophy, Bookkeeping, Pedagogics, English Composition, Mental Arithmetic.

Students are assigned according to their attainments to the regular Academy classes in Bible Study, Essay Work and Declamations.



## COLLEGE STUDENTS.

1891-1892.

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### GRADUATING CLASS, 1892.

Bond, William A., B. S.....	Forest Grove.
Caples, Jesse R., B. S.....	Forest Grove.
Merges, Ernest E., B. L.....	Portland.
Naylor, Edward L., B. L.....	Forest Grove.
Patton, Pem, B. S.....	Gaston.

### CLASSICAL COURSE.

#### JUNIORS.

Bond, Elias Austin.....	Forest Grove.
Smith, Fred W.....	Forest Grove.
Stewart, Horace D.....	Forest Grove.
Stewart, Loring V.....	Forest Grove.

#### SOPHOMORES.

Adams, Thomas H. ....	Carrollton, Wash.
Millar, John W. H.....	Farmington.

#### FRESHMEN.

Gordon, William S.....	Forest Grove.
Shiach, William S.....	Kirkland, Wash.
Stewart, Emma... ..	Forest Grove.

### SCIENTIFIC COURSE.

#### SECOND YEAR.

Bisbee, Ruel M.....	Forest Grove.
Thomas, Dwight H.....	Forest Grove.

#### FIRST YEAR.

Robb, William.....	Forest Grove.
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### LITERARY COURSE.

#### SECOND YEAR.

Morrison, Nancy Bailey .....	Monkland.
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## FIRST YEAR.

Bates, Mary Anna .....	Gaston.
James, Sarah .....	Hillsboro.
Morrison, Margaret.....	Monkland.

## SPECIAL STUDENTS.

Kernes, C. C .....	Portland.
Kernes, James Armstrong.....	Portland.

NOTE:—The above classification of students is according to the Courses of Study in effect 1891-1892.

## ACADEMY STUDENTS.

1891-1892.

## THIRD YEAR.

Adams, Agnes.....	Dallas.
Bailey, John W., (C).....	Hillsboro.
Bauer, Philip.....	Tualatin.
Bond, Harry.....	Forest Grove.
Bush, Benjamin K.....	Bay Centre, Wash.
Canniff, Nina.....	Gaston.
Marsh, Fred, (C) .....	Forest Grove.
Millar, Winifred.....	Farmington.
Roe, Anna .....	Forest Grove.

## SECOND YEAR

Baber, Liverue.....	Forest Grove.
Beal, John .....	Forest Grove.
Bradley, Charles.....	Greenville.
Buchanan, Charles (C) .....	Cornelius.
Curtis, Edward .....	Georgetown, Cal.
Greer, Theresa.....	Forest Grove.
Hartley, Harvey (C).....	Greenville.
Hirota, Ichiro.....	Kochi, Japan.
James, Helen.....	Hillsboro.
Jeffs, Alexander S. (C).....	Pialschie.
Johnson, Maude.....	Forest Grove.

Luce, Edward C. (C).....	Hillsboro.
Myers, Frank.....	Forest Grove.
*Myers, Rebecca.....	Forest Grove.
Porter, Albert .....	Forest Grove.
Smith, Carrie.....	Forest Grove.
Thomas, Ida .....	Forest Grove.
Thomas, A. H. ....	Forest Grove.
Wells, Emma.....	Forest Grove.
Whitten, Walter H.....	Newport.

\*Deceased.

#### FIRST YEAR.

Adkins, John W.....	Forest Grove.
Anderson, Ivan.....	Portland.
Bates, Edward.....	Gaston.
Bates, Matthew .....	Gaston.
Buchanan, John.....	Cornelius.
Caples, John.....	Forest Grove.
Cox, Lena.....	Forest Grove.
Cornelius, B. D.....	Centreville.
Crang, Edward.....	Forest Grove.
Cushman, Charlotte .....	Grass Valley.
Davis, Geo. A.....	Forest Grove.
Drake, Addie.....	Eagle Creek.
Edwards, J. A.....	Forest Grove.
Fordney, Mary .....	Beaverton.
Fordney, Perry .....	Beaverton.
Garrison, Blanche L.....	Forest Grove.
Gates, Oliver B. ....	Hillsboro.
Gleason, Lorena .....	Forest Grove.
Gleason, Leonard .....	Forest Grove.
Gordon, Emma.....	Forest Grove.
Hamer, Walter.....	Forest Grove.
Harrison, J. P .....	Mountain Dale.
Heisler, Josephine.....	Gales Creek.
Herrington, Lee.....	Forest Grove.
Hingley, Mary.....	Beaverton.
Hunter, Edna.....	Island City.
Imbrie, Maud.....	Hillsboro.
Ingles, Margaret .....	Forest Grove.

Johnson, Barnard .....	Forest Grove.
Johnson, Fred .....	Forest Grove.
Johnson, Myrtle .....	Forest Grove.
Johnson, Bert .....	Gaston.
Kane, Fred .....	Forest Grove.
Kida, Ben .....	Nagano, Japan.
Knapp, Mary .....	Portland.
Langley, Lotus .....	Forest Grove.
Luce, Ruhama B. ....	John Day.
Marsh, Gertrude E. ....	Forest Grove.
Marsh, Winifred .....	Forest Grove.
Markham, Rosa .....	Forest Grove.
Merriman, Adrian .....	Hillsboro.
Miller, Lulu .....	Farmington.
Moore, Anna .....	Greenville.
Moore, Harriet .....	Greenville.
Morrison, Thomas .....	Monkland.
Murphy, Florence .....	Oregon City.
Parker, Arthur .....	Forest Grove.
Porter, Fred W. ....	Forest Grove.
Pugh, John .....	Gaston.
Reeves, Rosa .....	Cedar Mills.
Russell, George .....	Gaston.
Russell, Minnie .....	Gaston.
Shearer, Anna .....	Dilley.
Snider, Harriet .....	Lyle, Wash.
Sorenson, Anna .....	Forest Grove.
Stone, Charles .....	Astoria.
Thorpe, Bessie .....	Forest Grove.
White, Margaret .....	Gales Creek.
Walker, Elda R. ....	Siletz.
Walker, Leva B. ....	Siletz.
Walker, Raleigh .....	Gaston.

## SPECIAL STUDENTS.

Anderson, Mary .....	Portland.
Gordon, Laura .....	Forest Grove.
Kernes, John W. ....	Portland.

NOTE:—The above classification of students is according to the Courses of Study in effect 1891-92.

## STUDENTS IN CONSERVATORY OF MUSIC.

1891-1892.

## INSTRUMENTAL.

Anderson, Mary .....	Portland.
Baber, Liverne .....	Forest Grove.
Bailey, Mary .....	Forest Grove.
Bates, Mary Anna .....	Gaston.
Beal, Ora .....	Forest Grove.
Crang, Edward .....	Forest Grove.
Cushman, Charlotte .....	Grass Valley.
Garrison, Blanche L. ....	Forest Grove.
Gerrish, William .....	Forest Grove.
Gleason, Leonard .....	Forest Grove.
Gleason, Myrtle .....	Forest Grove.
Haines, Mrs. E. W. ....	Forest Grove.
Hinman, Margaret .....	Forest Grove.
Imbrie, Maud .....	Hillsboro.
Luce, Ruhamah B. ....	John Day.
Marsh, Gertrude E .....	Forest Grove.
Marsh, Winifred .....	Forest Grove.
Morrison, Margaret .....	Monkland.
Morrison, Maude .....	Monkland.
Morrison, Nancy Bailey .....	Monkland.
Patterson, Alice .....	Forest Grove.
Porter, Alice .....	Forest Grove.
Porter, Nellie .....	Forest Grove.
Rogers, May .....	Forest Grove.
Snider, Harriet .....	Lyle, Wash.
Tompkins, Eugena .....	Forest Grove.
Walker, Eldarema .....	Siletz.
Walker, Leva Belle .....	Siletz.
Stone, Charles .....	Astoria.

## VOCAL.

Haines, Mrs. E. W.....	Forest Grove.
McGee, Alice.....	Forest Grove.
Rogers, May .....	Forest Grove.
Waggener, Lena.....	Hillsboro.
Woods, Nellie .....	Forest Grove.



## ALUMNI.

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1863.

Harvey W. Scott, A. M., Editor-in-Chief Oregonian.....Portland.

1866.

George H. Durham, A. M., Attorney at Law..Portland.  
Myron Eells, D.D., Congregational Clergyman..Union City, Wash.  
Edward B. Watson, A. M., Attorney at Law..Portland.

1867.

John Q. A. Bowlby, A. M., Attorney at Law..Astoria.  
J. Elkanah Walker, A. M., Missionary A. B.  
C. F. M.....Foochow, China.  
David Raffety, B. S., M. D., Physician.....East Portland.

1868.

Charles C. Hall, A. M., Farmer.....East Portland.  
Thomas H. Tongue, A. M., Attorney at Law..Hillsboro.

1869.

Jacob Hoover, A. M., Banker.....Spokane, Wash.  
Raleigh Stott, A. M., Attorney at Law.....Portland.  
Harriet (Hoover) Killin, M. S.....Portland.

1870.

Frank L. Stott, A. B., obit, 1873.....Gaston.  
Addison A. Lindsley, A. B., State Treasurer..Olympia, Wash.  
Georgiana (Brown) Bowlby, M. S.....Astoria.  
Phoebe Irene (Clark) Davis, M. S.....Salem.  
Candace A. (Neal) Luce, M. S.....Hillsboro.

1872.

Henry B. Luce, A. B., Farmer.....Hillsboro.

1873.

Levi C. Walker, A. M., Clerk at Siletz Agency.Siletz.  
William R. Bilyeu, B. S., Attorney at Law ..Albany.  
W. D. Lyman, A. M., Prof. of History and of  
the English Language and Literature,  
Whitman College. ....Walla Walla, Wash.  
Mary (Goodell) Burt, M. S.....Drain.  
Sarah I. Lyman, M. S.....East Portland.

## 1874.

- Eugene P. McCornack, A. B., Attorney at Law. Salem.  
 Herbert F. McCornack, A. B., M. D. .... Dayton, Wash.  
 Willard H. Latourette, B. S., Baptist General  
     Missionary. .... Alameda, Cal.  
 Jacob G. Stevenson, B. S., Farmer. .... Eugene.  
 Dora Hinshaw, M. S. .... Black Diamond, Wash.  
 Ella (Scott) Latourette, A. M. .... Oregon City.

## 1875.

- Hattie (Martin) Vestal, B. S. .... Snohomish, Wash.  
 S. Belle (Putman) Walker, M. S. .... Siletz.

## 1876.

- Edward M. Atkinson, A. B., Attorney at Law. Portland.  
 Hatstara Tamra, A. M., Teacher in Govern-  
     ment School .... Tokio, Japan.  
 James T. Martin, B. S., (M. D., University of  
     Michigan, 1883). .... Woodland, Cal.  
 Yei Nosea, A. M., Education Office. .... Tokio, Japan.  
 Kin Saito, B. S., (LL. B., University of Michi-  
     gan, 1871) Judge of Superior Court .... Hirosima, Japan.  
 Ella (Watt) Jackson, M. S. .... Pullman, Wash.

## 1877.

- William K. Curtis, B. S., Farmer. .... Dayton.  
 Charles W. Schaff, B. S., M. D. .... Lewiston, Idaho.  
 Tabitha (Clark) Eberts, M. S. ....

## 1878.

- Laura M. (Hoxter) Whalley, A. B. .... East Portland.  
 DeWitt Clinton Latourette, A. M., Attorney  
     at Law. .... Oregon City.  
 Horace S. Lyman, A. M., Congregational  
     Clergyman .... Skipanon.  
 Ella (Scott) Latourette, A. M. .... Oregon City.  
 Milton W. Smith, A. M., Attorney at Law. .... Portland.  
 Mary A. (Cresswell) Eagen, M. S. .... Pendleton.  
 Mary S. Eaton, M. S., obit, 1882. .... Oswego.  
 Elvia H. Fearnside, obit, 1879. .... Forest Grove.  
 Mary J. (Lyman) McCoy, M. S. .... East Portland.  
 Samuel R. Stott, B. S., Attorney at Law. .... Portland.

## 1879.

- William N. Barrett, B. S., Attorney at Law and  
     District Attorney. .... Hillsboro.  
 Frank M. Beckwith, Merchant .... Ilia, Wash.

1880.

Newton McCoy, A. B., Attorney at Law.....East Portland.

1881.

George W. Coplen, A. B .....Latah, Wash.  
 John T. Whalley, A. M., Attorney at Law....East Portland.  
 J. Alfred Watt, B. S., (M. D., University of  
 Michigan) .....Olympia, Wash.

1882.

Mitchell Gilliam, A. B., Attorney at Law.....Seattle, Wash.  
 Barnett Y. Roe, A. B., Attorney at Law.....Forest Grove.  
 Mary Virginia Keene, M. S.....Fairfield.

1883.

Napoleon Davis, A. M., Banker .....Salem.  
 Adelaide Poppleton, A. B.....Portland.  
 Anna Jackson, M. S., Teacher.....Tacoma, Wash.

1884.

Joseph Beek, A. B..... Portland.

1885.

Marion C. Adams, A. B., Nurseryman.....Sunset, Wash.  
 Margaret J. (Macrum) Byrd, M. S.....Salem.  
 Silas M. Shipley, B. S., (LL. B., University of  
 Oregon, 1888) .....Seattle, Wash.

1886.

James R. Marsh, A. B., Farmer.....Molalla.  
 J. Wheelock Marsh, A. B., Bookkeeper in Bank. Portland.  
 Laura (Marsh) Cadwell, M. S.....Bozeman, Mont.

1887.

William D. Wood, A. B., (M. D., University of  
 Michigan, 1890) .....Hillsboro.  
 Callie (Campbell) Montgomery, M. S.....Albany.  
 Mary Gray, M. S., obit, 1890.... Portland.  
 Ethel Gray, M. S.....Portland.  
 Nellie Woods, M. S.....Forest Grove.  
 J. C. Clark, B. S., Photographer.....La Grande.

## 1888.

- Estella S. Porter, A. B., obit, 1889..... Forest Grove.  
 Fred N. Hallett, B. S., Broker..... Moscow, Idaho.  
 Frank W. Hinman, B. S., Merchant..... Ellensburg, Wash.  
 William P. Marsh, B. S..... Forest Grove.  
 John U. Smith B. S., (LL. B., University of  
     Oregon, 1890)..... Portland.

## 1889.

- Mattie E. (Koontz) Smith, B. S..... Portland.  
 Sidney E. Marsh, A. B., Journalist, obit, 1890. Port Townsend, Wash.  
 Clay McNamee, B. S., Law Student..... Moscow, Idaho.

## 1890.

- William S. Macrum, A. B., Bank Collector... Portland.  
 Gustaf Walter Nelson, A. B., Theological  
     Seminary..... Oakland, Cal.  
 Mary Ellen Lee, M. S..... Whatcom, Wash.  
 Lafayette Lincoln Bush..... Bay Center, Wash.  
 Alexander C. Alexander, B. S..... Portland.

## 1891.

- Bates, Wm. A., B. S..... Gaston.  
 Hinman, Margaret, B. L..... Forest Grove.  
 Hodgins, John S., B. S..... Gold Beach.  
 Lee, John A., A. B..... Whatcom, Wash.  
 Patton, Mary E., A. B..... Forest Grove.  
 Snider, Asa B., B. S..... Oregon City.

## 1892.

- Bond, Wm. A., B. S..... Forest Grove.  
 Caples, Jesse R., B. S..... Forest Grove.  
 Merges, Ernest E., B. L..... Portland.  
 Naylor, Edward L., B. L..... Forest Grove.  
 Patton, Pem, B. S..... Gaston.

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